

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-002	1/5/2017 14:15	57.8	39.4	0.0	2.8	77.1	76.8	16	20	-0.3	-0.4	-11.8
GEW-002	1/9/2017 15:19	55.8	39.3	0.0	4.9	118.8		49	54	-1.5	-1.5	-15.2
GEW-002	1/9/2017 15:30	55.3	39.0	0.0	5.7	110.6		23	23	-0.6	-0.6	-14.3
GEW-002	1/16/2017 15:18	55.7	40.0	0.0	4.3	81.3		0	0	2.7	2.7	-14.0
GEW-002	1/16/2017 15:20	55.0	40.9	0.0	4.1	98.3		36	20	2.3	2.3	-14.1
GEW-002	1/17/2017 8:24	55.7	41.4	0.0	2.9	120.2		0	0	0.2	0.2	-14.8
GEW-002	1/24/2017 15:30	57.8	37.4	0.0	4.8	121.6		15	19	0.1	0.1	-15.1
GEW-002	1/24/2017 15:32	56.3	40.2	0.0	3.5	121.8		24	24	0.1	0.1	-14.4
GEW-003	1/5/2017 14:22	52.7	37.2	0.0	10.1	110.2	110.5	9	19	-0.5	-0.4	-11.6
GEW-003	1/5/2017 14:24	52.4	38.0	0.0	9.6	110.2	110.4	0	0	-0.5	-0.5	-11.9
GEW-003	1/9/2017 15:36	50.9	37.9	0.0	11.2	111.3		0	0	0.4	0.4	-14.4
GEW-003	1/9/2017 15:43	51.6	38.0	0.0	10.4	111.3		0	0	0.3	0.3	-14.7
GEW-003	1/16/2017 15:23	53.5	39.2	0.0	7.3	112.6		13	13	0.7	0.7	-13.8
GEW-003	1/16/2017 15:25	54.6	38.9	0.0	6.5	113.3		0	0	0.6	0.6	-13.6
GEW-003	1/17/2017 8:28	53.3	39.7	0.0	7.0	111.1		12	12	-1.2	-1.2	-13.3
GEW-003	1/24/2017 15:35	53.9	39.4	0.0	6.7	112.3		0	0	0.2	0.2	-13.8
GEW-003	1/24/2017 15:37	55.3	38.9	0.0	5.8	112.2		8	8	0.2	0.2	-14.0
GEW-004	1/5/2017 14:28	47.8	38.2	0.0	14.0	112.8	113.8	0	0	-0.6	-0.6	-11.5
GEW-004	1/5/2017 14:30	46.8	37.4	0.4	15.4	103.5	103.0	0	0	-0.4	-0.4	-12.0
GEW-004	1/9/2017 15:50	54.4	39.2	0.0	6.4	83.0		0	0	0.7	0.7	-14.6
GEW-004	1/9/2017 15:58	54.6	38.4	0.0	7.0	82.8		0	0	0.7	0.7	-14.8
GEW-004	1/16/2017 15:28	54.6	39.1	0.0	6.3	107.0		0	0	0.8	0.8	-13.6
GEW-004	1/16/2017 15:30	54.2	39.2	0.0	6.6	111.4		8	8	0.7	0.7	-14.0
GEW-004	1/17/2017 8:33	51.4	39.1	0.3	9.2	110.2		8	9	-1.0	-1.0	-13.8
GEW-004	1/24/2017 15:40	54.5	38.4	0.0	7.1	113.0		0	0	0.4	0.4	-13.7
GEW-004	1/24/2017 15:41	54.4	39.1	0.0	6.5	113.7		0	0	0.3	0.3	-13.6
GEW-005	1/5/2017 14:46	34.7	35.0	0.0	30.3	87.1	87.3	10	15	-0.3	-0.3	-11.7
GEW-005	1/5/2017 14:47	35.1	34.2	0.0	30.7	79.7	79.4	0	0	-0.2	-0.2	-12.1
GEW-005	1/10/2017 12:39	55.1	35.1	0.0	9.8	76.1		30	29	0.4	0.4	-13.3
GEW-005	1/10/2017 12:46	53.3	35.7	0.0	11.0	77.5		0	0	0.3	0.3	-13.2
GEW-005	1/16/2017 15:44	53.6	38.6	0.0	7.8	78.5		6	0	0.7	0.7	-13.7
GEW-005	1/16/2017 15:46	53.9	38.4	0.0	7.7	88.4		32	31	0.6	0.6	-13.7
GEW-005	1/17/2017 8:38	44.3	36.6	0.1	19.0	88.8		0	0	-0.6	-0.5	-13.7
GEW-005	1/24/2017 15:53	50.7	37.3	0.0	12.0	89.9		0	0	0.5	0.4	-13.8
GEW-005	1/24/2017 15:55	50.4	37.4	0.0	12.2	91.1		0	0	0.4	0.4	-14.1
GEW-006	1/5/2017 14:58	38.5	34.3	0.0	27.2	86.8	86.5	14	15	-0.6	-0.6	-11.7
GEW-006	1/5/2017 15:00	38.5	34.3	0.0	27.2	79.4	79.8	0	0	-0.3	-0.3	-12.3
GEW-006	1/10/2017 13:06	52.1	37.7	0.0	10.2	84.5		11	7	0.2	0.2	-13.3
GEW-006	1/10/2017 13:12	52.2	36.8	0.0	11.0	85.7		0	0	0.1	0.1	-13.4
GEW-006	1/16/2017 15:55	53.0	37.8	0.0	9.2	84.7		23	23	0.5	0.5	-13.8
GEW-006	1/16/2017 15:56	54.6	37.0	0.0	8.4	88.6		30	28	0.4	0.3	-13.5
GEW-006	1/17/2017 8:51	51.3	36.3	0.0	12.4	89.1		14	14	-0.5	-0.5	-13.1
GEW-006	1/24/2017 16:58	53.9	32.2	0.0	13.9	89.8		0	0	0.4	0.3	-13.8
GEW-006	1/24/2017 16:59	56.1	35.8	0.0	8.1	90.4		0	0	0.1	0.2	-13.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-007	1/5/2017 9:35	55.7	39.6	0.2	4.5	78.9	79.1	16	4	-1.9	-1.9	-12.5
GEW-007	1/5/2017 9:37	55.7	39.9	0.2	4.2	75.2	75.2	39	39	-0.8	-0.8	-12.6
GEW-007	1/10/2017 14:54	58.5	39.3	0.0	2.2	85.1		0	6	-0.1	-0.1	-13.6
GEW-007	1/10/2017 15:01	58.2	39.1	0.1	2.6	84.7		0	0	-0.1	-0.1	-13.4
GEW-007	1/16/2017 13:54	57.9	39.0	0.0	3.1	80.9		0	0	1.4	1.4	-13.9
GEW-007	1/16/2017 13:56	57.7	39.2	0.0	3.1	83.2		0	0	0.8	0.8	-13.9
GEW-007	1/24/2017 14:02	56.7	38.4	0.0	4.9	88.0		5	0	0.4	0.4	-13.8
GEW-007	1/24/2017 14:04	57.5	39.1	0.0	3.4	88.7		5	0	-0.1	-0.1	-13.5
GEW-008	1/5/2017 9:45	51.3	41.8	0.4	6.5	105.5	105.7	14	13	-1.3	-1.3	-12.3
GEW-008	1/5/2017 9:46	51.0	42.1	0.4	6.5	102.8	103.3	7	7	-0.8	-0.8	-12.4
GEW-008	1/10/2017 15:08	53.6	41.2	0.2	5.0	108.1		7	10	-0.6	-0.6	-13.2
GEW-008	1/10/2017 15:14	54.3	41.2	0.3	4.2	108.1		11	12	-0.7	-0.7	-13.4
GEW-008	1/16/2017 14:01	56.0	39.4	0.0	4.6	108.1		36	36	0.4	0.4	-13.7
GEW-008	1/16/2017 14:02	54.4	41.2	0.0	4.4	109.5		16	12	0.1	0.1	-13.8
GEW-008	1/24/2017 13:57	54.1	38.1	0.0	7.8	109.9		11	8	-0.2	-0.2	-13.5
GEW-009	1/5/2017 9:53	41.8	38.6	0.0	19.6	117.1	117.1	28	28	-0.6	-0.6	-18.5
GEW-009	1/5/2017 9:55	41.7	38.9	0.0	19.4	116.3	116.6	27	26	-0.5	-0.5	-18.5
GEW-009	1/10/2017 15:20	47.1	38.2	0.1	14.6	119.1		9	9	-0.7	-0.7	-18.3
GEW-009	1/10/2017 15:27	45.5	37.3	0.1	17.1	117.3		0	0	-0.7	-0.8	-18.7
GEW-009	1/16/2017 14:07	53.5	40.2	0.0	6.3	122.3		0	0	0.1	0.1	-18.0
GEW-009	1/16/2017 14:08	52.8	40.4	0.0	6.8	123.2		26	26	0.0	0.0	-17.7
GEW-009	1/24/2017 13:52	50.3	39.0	0.0	10.7	120.2		24	24	-0.1	-0.1	-18.8
GEW-010	1/6/2017 9:25	52.9	35.7	0.7	10.7	10.5		10	10	-3.3	-3.3	2.3
GEW-010	1/11/2017 9:52	50.6	43.5	0.2	5.7	48.7		3	3	-3.6	-3.7	-20.1
GEW-010	1/11/2017 10:01	36.2	33.3	7.0	23.5	52.1		3	3	-5.8	-5.8	-20.1
GEW-010	1/17/2017 10:38	45.3	45.6	0.1	9.0	50.1		7	7	-3.5	-3.5	-19.7
GEW-010	1/27/2017 10:39	53.6	42.1	0.1	4.2	34.2	34.2	7	6	-3.7	-3.7	-19.0
GEW-013A	1/17/2017 14:44	10.6	53.3	1.3	34.8	182.4		5	12	-0.1	-0.1	-18.3
GEW-013A	1/17/2017 14:46	19.8	53.1	0.8	26.3	128.1		72	73	-7.2	-8.1	-19.2
GEW-013A	1/31/2017 9:17	13.7	41.5	5.7	39.1	121.2	121.3	72	76	-7.2	-7.5	-18.1
GEW-013A	1/31/2017 9:20	13.8	40.9	5.7	39.6	126.7	126.7	58	62	-4.3	-4.5	-20.6
GEW-015	1/17/2017 13:55	6.4	44.8	4.3	44.5	169.3		NFD		-3.9	-3.9	-12.8
GEW-015	1/17/2017 13:56	6.9	43.6	4.4	45.1	168.8		NFD		-3.9	-3.9	-12.9
GEW-015	1/30/2017 11:19	6.4	42.6	5.0	46.0	178.6	178.6	NFD		-3.4	-3.4	-12.1
GEW-015	1/30/2017 11:21	6.7	41.7	5.0	46.6	178.6	178.6	NFD		-4.1	-4.1	-12.1
GEW-016R	1/17/2017 14:05	2.7	48.1	2.8	46.4	186.8		NFD		-18.3	-18.3	-17.8
GEW-016R	1/17/2017 14:07	1.8	46.9	2.7	48.6	187.4		NFD		-18.3	-18.6	-18.0
GEW-016R	1/30/2017 11:07	2.0	44.3	2.4	51.3	187.6	187.6	NFD		-17.9	-17.6	-17.6
GEW-016R	1/30/2017 11:08	2.0	46.5	2.4	49.1	187.5	187.6	NFD		-17.9	-17.5	-17.8
GEW-018B	1/17/2017 14:31	2.2	51.8	0.7	45.3	172.7		5	5	-11.5	-11.5	-11.3
GEW-018B	1/17/2017 14:32	2.2	51.8	0.6	45.4	173.3		12	8	-12.2	-12.9	-11.5
GEW-018B	1/30/2017 13:47	3.0	52.3	0.2	44.5	177.1	176.9	4	2	-12.1	-12.0	-11.8
GEW-018B	1/30/2017 13:48	2.7	51.7	0.1	45.5	169.5	171.6	4	8	-12.5	-12.1	-12.1
GEW-022R	1/12/2017 13:08	0.4	6.3	18.8	74.5	95.6		5	3	-13.5	-12.9	-13.8

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		(% vol)				°F		scfm		H ₂ O		
GEW-022R	1/12/2017 13:12	0.3	15.5	18.2	66.0	95.6		5	8	-12.3	-12.4	-13.1
GEW-022R	1/31/2017 15:36	0.1	22.1	17.0	60.8	112.7	112.3	17	19	-13.3	-13.8	-14.3
GEW-022R	1/31/2017 15:39	0.1	7.3	18.8	73.8	113.5	105.1	4	5	-0.1	-0.1	-13.9
GEW-038	1/6/2017 8:47	12.5	51.5	4.4	31.6	10.0		3	3	-6.5	-6.5	-9.0
GEW-038	1/11/2017 9:05	7.8	45.1	6.0	41.1	44.5		10	7	-8.5	-8.5	-9.3
GEW-038	1/11/2017 9:11	7.8	43.0	6.7	42.5	44.8		5	5	-8.7	-8.5	-9.8
GEW-038	1/17/2017 10:21	10.3	46.0	4.9	38.8	48.6		3	9	-8.3	-8.4	-10.6
GEW-038	1/26/2017 15:08	16.6	46.7	1.9	34.8	34.8	34.9	4	4	-8.4	-8.4	-9.9
GEW-039	1/6/2017 8:28	45.7	53.9	0.0	0.4	85.5		10	12	-0.2	-0.2	-17.7
GEW-039	1/11/2017 8:09	45.3	47.7	0.0	7.0	101.1		3	5	-0.2	-0.2	-18.8
GEW-039	1/11/2017 8:17	45.3	46.8	0.3	7.6	101.3		7	3	-0.1	-0.1	-19.1
GEW-039	1/17/2017 10:06	50.2	43.8	0.0	6.0	103.2		12	13	-0.2	-0.2	-18.9
GEW-039	1/26/2017 14:46	49.2	47.0	0.0	3.8	99.2	99.2	7	7	-0.3	-0.2	-19.0
GEW-040	1/5/2017 10:32	57.3	40.9	0.0	1.8	74.1	74.1	33	34	-0.7	-0.7	-12.3
GEW-040	1/5/2017 10:34	57.4	40.7	0.0	1.9	73.2	73.2	14	14	-0.4	-0.4	-12.6
GEW-040	1/9/2017 11:05	58.8	38.7	0.0	2.5	75.5		32	32	-0.1	-0.1	-15.0
GEW-040	1/9/2017 11:12	59.4	38.1	0.0	2.5	75.0		31	31	-0.2	-0.2	-15.1
GEW-040	1/16/2017 14:13	54.8	39.0	0.0	6.2	79.2		0	0	0.1	0.1	-13.7
GEW-040	1/16/2017 14:15	58.3	38.7	0.0	3.0	79.9		0	0	0.0	0.0	-14.0
GEW-040	1/24/2017 14:44	55.8	39.8	0.0	4.4	82.5		0	0	0.0	0.0	-14.1
GEW-041R	1/5/2017 10:39	58.2	40.3	0.0	1.5	22.4	22.4	6	6	0.1	0.1	-1.9
GEW-041R	1/5/2017 10:42	58.4	40.4	0.0	1.2	28.7	28.9	0	0	0.0	0.0	-1.6
GEW-041R	1/5/2017 15:34	53.2	36.2	0.6	10.0	95.8	93.4	0	0	-0.6	-0.6	-12.5
GEW-041R	1/9/2017 11:26	58.8	38.4	0.0	2.8	84.7		0	0	0.0	0.0	-14.5
GEW-041R	1/9/2017 11:36	57.4	38.0	0.2	4.4	87.8		35	35	-0.1	-0.1	-14.1
GEW-041R	1/16/2017 14:22	56.7	37.4	0.0	5.9	94.0		0	0	0.1	0.1	-13.7
GEW-041R	1/16/2017 14:23	57.0	37.9	0.0	5.1	95.2		25	25	0.1	0.1	-13.9
GEW-041R	1/24/2017 14:48	55.5	37.5	0.0	7.0	98.9		0	0	-0.1	-0.1	-13.5
GEW-042R	1/5/2017 10:45	58.0	40.3	0.0	1.7	23.3	23.4	110	110	0.1	0.1	2.2
GEW-042R	1/5/2017 10:47	57.6	41.2	0.0	1.2	23.7	23.7	81	81	0.0	0.0	1.8
GEW-042R	1/5/2017 15:38	60.2	37.3	0.0	2.5	31.7	31.6	111	111	-0.5	-0.5	-12.5
GEW-042R	1/9/2017 13:09	59.0	37.8	0.0	3.2	76.6		6	8	-0.8	-0.8	-13.9
GEW-042R	1/9/2017 13:15	58.1	38.8	0.0	3.1	76.6		3	4	-0.7	-0.7	-13.9
GEW-042R	1/16/2017 14:28	56.0	38.0	0.0	6.0	90.3		0	0	0.3	0.3	-13.7
GEW-042R	1/16/2017 14:29	55.6	40.2	0.0	4.2	90.9		8	7	0.3	0.3	-13.7
GEW-042R	1/24/2017 14:52	57.7	37.6	0.0	4.7	94.2		0	0	0.0	0.0	-13.8
GEW-042R	1/24/2017 14:53	55.4	41.0	0.0	3.6	94.2		0	3	0.0	-0.1	-13.8
GEW-043R	1/5/2017 11:21	52.4	35.2	0.5	11.9	113.2	113.3	0	0	-1.0	-1.0	-12.2
GEW-043R	1/5/2017 11:26	51.4	38.3	0.6	9.7	95.0	94.3	0	0	-0.2	-0.2	-12.3
GEW-043R	1/9/2017 13:26	55.6	40.6	0.0	3.8	43.9		0	0	1.0	1.0	-14.4
GEW-043R	1/9/2017 13:36	56.1	40.2	0.0	3.7	55.3		3	3	0.9	0.9	-14.2
GEW-043R	1/16/2017 14:34	53.4	40.2	0.0	6.4	103.9		0	0	1.4	1.4	-13.7
GEW-043R	1/16/2017 14:36	53.3	42.1	0.0	4.6	122.9		0	0	0.9	0.9	-13.9
GEW-043R	1/24/2017 14:57	55.0	39.5	0.0	5.5	128.1		17	14	0.0	0.0	-14.3

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		(% vol)				°F		scfm		H ₂ O		
GEW-044	1/5/2017 11:38	42.8	36.5	0.0	20.7	58.8	59.2	0	0	-0.5	-0.5	-12.2
GEW-044	1/5/2017 11:40	42.9	36.5	0.1	20.5	53.0	52.4	8	8	-0.1	-0.1	-12.5
GEW-044	1/9/2017 13:46	56.9	39.5	0.0	3.6	49.3		0	0	0.8	0.8	-14.2
GEW-044	1/9/2017 13:55	56.9	40.0	0.0	3.1	54.6		0	0	0.6	0.6	-14.3
GEW-044	1/16/2017 14:41	50.9	38.5	0.0	10.6	70.7		25	24	0.4	0.4	-13.4
GEW-044	1/16/2017 14:42	51.8	37.8	0.0	10.4	74.8		31	29	0.1	0.1	-13.7
GEW-044	1/17/2017 9:30	51.6	34.6	0.1	13.7	76.9		0	0	-1.0	-1.0	-14.0
GEW-044	1/24/2017 15:02	51.1	37.6	0.1	11.2	74.3		0	0	-0.1	-0.1	-13.5
GEW-045R	1/5/2017 11:49	58.4	37.5	0.0	4.1	29.7	29.8	4	7	-0.3	-0.3	-12.3
GEW-045R	1/9/2017 14:03	57.8	37.3	0.5	4.4	52.8		0	0	-0.6	-0.6	-14.3
GEW-045R	1/9/2017 14:11	58.1	37.1	0.2	4.6	53.1		0	0	-0.5	-0.5	-14.3
GEW-045R	1/16/2017 14:46	53.7	37.6	0.0	8.7	56.1		5	5	0.0	0.0	-13.7
GEW-045R	1/16/2017 14:49	59.2	37.7	0.0	3.1	56.0		5	6	-0.1	-0.1	-13.7
GEW-045R	1/17/2017 9:35	57.8	38.2	0.1	3.9	54.9		0	0	-0.5	-0.5	-14.1
GEW-045R	1/24/2017 15:07	58.1	37.4	0.0	4.5	59.1		0	0	0.0	0.0	-13.6
GEW-045R	1/24/2017 15:08	59.8	37.8	0.0	2.4	59.3		0	0	-0.2	-0.2	-13.8
GEW-046R	1/5/2017 11:55	57.0	39.8	0.0	3.2	88.6	88.3	32	31	-0.2	-0.2	-12.3
GEW-046R	1/9/2017 14:18	56.2	38.7	0.0	5.1	93.2		11	11	0.1	0.0	-14.3
GEW-046R	1/9/2017 14:26	55.6	39.3	0.0	5.1	93.2		0	0	0.0	0.0	-14.5
GEW-046R	1/16/2017 14:53	57.8	37.1	0.0	5.1	98.7		0	0	0.6	0.6	-13.8
GEW-046R	1/16/2017 14:55	56.2	38.8	0.0	5.0	100.4		0	0	0.4	0.4	-14.3
GEW-046R	1/17/2017 9:39	56.1	37.9	0.2	5.8	95.4		0	0	-0.9	-0.9	-14.0
GEW-046R	1/24/2017 15:13	55.0	38.9	0.0	6.1	96.9		0	0	-0.2	-0.2	-14.1
GEW-047R	1/5/2017 14:37	35.7	35.2	0.0	29.1	110.0	109.7	0	0	-0.7	-0.7	-11.9
GEW-047R	1/5/2017 14:39	34.7	34.9	0.0	30.4	103.6	103.5	0	0	-0.4	-0.4	-12.0
GEW-047R	1/9/2017 16:08	55.3	39.7	0.0	5.0	98.6		0	0	0.5	0.5	-14.7
GEW-047R	1/9/2017 16:18	55.9	38.3	0.0	5.8	75.0		0	0	0.5	0.5	-14.6
GEW-047R	1/16/2017 15:39	56.1	40.2	0.0	3.7	60.2		8	3	0.7	0.8	-13.7
GEW-047R	1/16/2017 15:40	55.9	39.9	0.0	4.2	72.9		8	8	0.6	0.6	-13.7
GEW-047R	1/17/2017 8:18	54.3	39.5	0.2	6.0	99.4		15	16	-0.6	-0.6	-13.7
GEW-047R	1/24/2017 15:48	53.6	39.2	0.0	7.2	104.0		0	0	0.5	0.4	-13.9
GEW-047R	1/24/2017 15:50	53.4	39.1	0.0	7.5	105.2		0	0	0.4	0.4	-13.7
GEW-048	1/5/2017 14:51	48.9	35.9	0.0	15.2	98.2	98.2	0	0	-0.5	-0.5	-8.9
GEW-048	1/5/2017 14:52	49.4	37.9	0.0	12.7	94.3	94.6	0	0	-0.2	-0.2	-9.4
GEW-048	1/10/2017 12:53	56.3	39.7	0.0	4.0	99.0		0	0	0.3	0.3	-8.2
GEW-048	1/10/2017 13:00	56.9	38.1	0.0	5.0	99.2		0	0	0.2	0.2	-8.4
GEW-048	1/16/2017 15:49	56.6	38.3	0.0	5.1	98.5		0	0	0.6	0.6	-9.4
GEW-048	1/16/2017 15:51	56.5	39.0	0.0	4.5	99.6		0	0	0.5	0.5	-8.7
GEW-048	1/17/2017 8:42	51.9	38.0	0.1	10.0	99.3		0	0	-0.6	-0.6	-8.9
GEW-048	1/24/2017 15:58	54.5	37.7	0.0	7.8	100.8		13	5	0.4	0.4	-10.0
GEW-048	1/24/2017 15:59	55.2	38.6	0.0	6.2	100.2		11	12	0.3	0.3	-10.3
GEW-049	1/5/2017 9:19	35.2	36.3	0.3	28.2	102.8	102.8	0	0	-0.8	-0.8	-11.7
GEW-049	1/5/2017 9:21	39.5	35.4	0.2	24.9	97.2	97.2	0	0	-0.5	-0.5	-12.2
GEW-049	1/9/2017 8:45	55.0	39.1	0.0	5.9	100.3		0	9	0.0	0.0	-14.8

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-049	1/9/2017 8:54	55.4	38.7	0.0	5.9	101.3		0	0	0.0	0.0	-15.4
GEW-049	1/16/2017 13:22	59.3	30.6	0.0	10.1	104.3		15	15	0.5	0.5	-13.8
GEW-049	1/16/2017 13:24	56.4	38.1	0.0	5.5	105.8		0	0	0.5	0.5	-13.8
GEW-049	1/24/2017 14:12	53.2	36.9	0.0	9.9	106.5		0	0	0.3	0.3	-13.6
GEW-049	1/24/2017 14:14	55.3	38.7	0.0	6.0	107.2		0	0	0.3	0.3	-13.8
GEW-050	1/5/2017 15:09	40.2	33.8	0.0	26.0	104.8	104.5	0	0	-0.9	-0.9	-8.7
GEW-050	1/5/2017 15:10	39.4	34.4	0.0	26.2	98.3	98.2	0	0	-0.3	-0.3	-7.5
GEW-050	1/10/2017 13:22	52.5	36.9	0.0	10.6	98.5		0	0	0.2	0.2	-10.1
GEW-050	1/10/2017 13:27	50.1	33.2	0.0	16.7	98.3		0	0	0.4	0.5	-6.7
GEW-050	1/16/2017 16:04	55.2	36.0	0.0	8.8	101.2		3	3	0.5	0.5	-6.5
GEW-050	1/16/2017 16:05	54.4	37.2	0.0	8.4	103.0		0	0	0.4	0.4	-7.1
GEW-050	1/24/2017 17:05	54.3	34.5	0.0	11.2	104.6		31	29	0.3	0.3	-8.7
GEW-050	1/24/2017 17:06	55.5	36.5	0.0	8.0	105.9		16	25	0.2	0.1	-6.9
GEW-051	1/5/2017 9:25	51.4	37.5	0.0	11.1	121.5	121.3	0	0	-1.0	-1.0	-11.9
GEW-051	1/5/2017 9:27	51.2	40.1	0.0	8.7	109.0	107.2	0	0	-0.6	-0.6	-11.9
GEW-051	1/9/2017 9:02	55.8	39.8	0.0	4.4	88.4		0	0	0.4	0.4	-15.2
GEW-051	1/9/2017 9:10	54.4	38.6	0.0	7.0	103.4		27	27	0.3	0.3	-15.2
GEW-051	1/16/2017 13:27	56.2	37.1	0.0	6.7	118.6		0	0	0.8	0.7	-13.9
GEW-051	1/16/2017 13:29	55.0	39.8	0.0	5.2	122.7		0	0	0.6	0.6	-13.8
GEW-051	1/24/2017 14:17	54.6	38.3	0.0	7.1	123.4		11	8	0.3	0.3	-13.5
GEW-051	1/24/2017 14:19	54.6	39.4	0.0	6.0	124.0		0	0	0.3	0.3	-13.4
GEW-052	1/5/2017 15:14	25.5	31.1	0.0	43.4	110.0	110.0	0	0	-0.7	-0.7	-12.1
GEW-052	1/5/2017 15:16	25.1	31.1	0.0	43.8	104.8	105.0	0	0	-0.2	-0.2	-12.3
GEW-052	1/10/2017 14:43	53.4	37.3	0.3	9.0	108.1		8	7	-0.3	-0.2	-13.4
GEW-052	1/10/2017 14:50	53.8	36.8	0.0	9.4	108.1		5	8	-0.3	-0.3	-13.3
GEW-052	1/16/2017 16:09	54.5	36.9	0.0	8.6	107.3		29	28	0.1	0.1	-13.9
GEW-052	1/16/2017 16:11	55.4	38.7	0.0	5.9	112.1		9	18	-0.1	-0.1	-13.8
GEW-052	1/24/2017 14:07	47.6	36.4	0.0	16.0	111.9		0	0	0.1	0.1	-13.7
GEW-052	1/24/2017 14:09	44.9	35.5	0.0	19.6	112.0		13	10	0.0	0.0	-13.8
GEW-053	1/4/2017 9:03	43.6	38.6	0.0	17.8	132.4		43	47	-4.2	-4.1	-12.6
GEW-053	1/4/2017 9:05	44.3	38.3	0.0	17.4	132.1		43	47	-3.7	-3.8	-12.5
GEW-053	1/9/2017 9:20	47.0	38.0	0.0	15.0	132.1		55	49	-3.2	-3.3	-15.7
GEW-053	1/9/2017 9:28	46.6	38.4	0.0	15.0	132.1		49	49	-3.1	-3.1	-15.2
GEW-053	1/16/2017 13:34	48.6	37.4	0.0	14.0	130.8		52	48	-2.9	-2.9	-14.5
GEW-053	1/24/2017 14:23	46.9	37.9	0.0	15.2	132.7		47	47	-2.7	-2.8	-13.8
GEW-053	1/24/2017 14:25	46.7	38.1	0.0	15.2	132.6		40	44	-2.5	-2.5	-14.0
GEW-054	1/5/2017 10:21	55.6	40.1	0.0	4.3	133.8	134.0	3	10	-1.3	-1.3	-1.2
GEW-054	1/5/2017 10:23	54.3	41.2	0.0	4.5	134.1	134.1	8	5	-1.2	-1.2	-1.3
GEW-054	1/5/2017 15:28	53.5	39.0	0.0	7.5	139.6	139.0	50	49	-6.4	-6.4	-12.8
GEW-054	1/9/2017 9:42	55.7	40.1	0.0	4.2	90.1		0	0	1.5	1.5	1.3
GEW-054	1/9/2017 9:50	56.1	39.7	0.0	4.2	90.3		0	0	1.5	1.5	1.3
GEW-054	1/9/2017 10:31	56.5	37.8	0.0	5.7	140.4		55	60	-4.1	-4.1	-12.8
GEW-054	1/16/2017 13:40	54.0	38.5	0.0	7.5	142.9		58	58	-3.3	-3.3	-14.7
GEW-054	1/16/2017 13:42	52.3	40.5	0.0	7.2	142.9		61	58	-3.6	-3.7	-13.3

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-054	1/24/2017 14:33	54.0	38.3	0.0	7.7	145.5		55	55	-3.9	-4.0	-13.8
GEW-054	1/24/2017 14:34	52.1	40.3	0.0	7.6	145.5		59	62	-4.2	-4.3	-12.5
GEW-055	1/5/2017 10:27	53.5	41.3	0.0	5.2	121.5	121.8	3	5	-1.0	-1.0	-7.4
GEW-055	1/5/2017 10:28	53.3	41.9	0.0	4.8	112.0	111.8	0	0	-0.7	-0.7	-7.3
GEW-055	1/9/2017 10:51	54.6	39.7	0.0	5.7	101.7		9	8	0.0	0.0	-9.1
GEW-055	1/9/2017 10:58	54.8	39.5	0.0	5.7	99.8		0	0	0.1	0.1	-9.0
GEW-055	1/16/2017 13:46	53.7	40.6	0.0	5.7	102.4		0	0	0.4	0.4	-8.0
GEW-055	1/16/2017 13:48	53.7	40.9	0.0	5.4	104.6		8	7	0.3	0.3	-8.2
GEW-055	1/24/2017 14:39	53.4	40.6	0.0	6.0	110.6		0	0	0.1	0.1	-7.7
GEW-055	1/24/2017 14:41	53.6	40.8	0.0	5.6	110.6		0	0	0.1	0.1	-7.7
GEW-056R	1/6/2017 16:11	18.2	53.4	0.1	28.3	60.6		4	4	-0.5	-0.5	-17.9
GEW-056R	1/11/2017 10:18	14.0	47.2	1.2	37.6	89.9		0	0	-0.3	-0.3	-18.7
GEW-056R	1/11/2017 10:24	12.5	50.5	2.6	34.4	91.1		4	0	-0.3	-0.3	-18.3
GEW-056R	1/17/2017 11:14	19.1	51.6	0.0	29.3	92.5		9	9	-0.4	-0.4	-19.7
GEW-056R	1/27/2017 14:29	18.8	48.4	0.0	32.8	74.1	74.0	4	3	-0.5	-0.5	-18.7
GEW-057B	1/18/2017 8:36	4.6	50.5	0.1	44.8	40.2		17	8	-12.5	-12.8	-12.3
GEW-057B	1/31/2017 14:25	4.3	51.2	0.3	44.2	53.7	53.7	13	22	-13.2	-13.7	-12.9
GEW-057R	1/12/2017 9:47	10.0	41.3	4.6	44.1	38.4		19	25	-0.3	-0.7	-13.3
GEW-057R	1/12/2017 9:55	9.7	42.3	4.4	43.6	39.5		24	22	-0.7	-0.5	-13.2
GEW-057R	1/31/2017 14:30	8.6	41.0	3.3	47.1	63.3	63.3	23	24	-0.7	-0.8	-12.4
GEW-058	1/12/2017 9:21	11.2	40.6	4.3	43.9	51.8		16	11	-18.4	-18.5	-18.4
GEW-058	1/12/2017 9:29	11.3	40.5	4.3	43.9	50.6		11	9	-19.5	-19.7	-19.1
GEW-058	1/31/2017 14:13	7.5	36.8	3.6	52.1	78.9	79.7	14	18	-16.4	-17.2	-18.0
GEW-058A	1/12/2017 9:15	10.9	36.0	6.2	46.9	84.4		5	4	-13.7	-13.7	-20.1
GEW-058A	1/12/2017 9:17	11.9	34.4	6.3	47.4	83.8		5	6	-13.7	-13.7	-20.9
GEW-058A	1/31/2017 14:07	10.9	23.1	4.9	61.1	104.2	104.0	9	13	-9.5	-9.4	-18.5
GEW-059R	1/12/2017 8:46	4.9	51.5	0.0	43.6	174.1		14	10	-19.5	-19.1	-20.4
GEW-059R	1/12/2017 8:53	4.7	49.4	0.0	45.9	171.7		13	21	-19.5	-20.4	-19.6
GEW-059R	1/31/2017 14:39	9.8	47.3	0.1	42.8	171.6	171.6	11	11	-17.7	-17.8	-17.8
GEW-059R	1/31/2017 14:41	9.2	51.5	0.0	39.3	171.6	171.0	13	15	-18.1	-18.3	-17.9
GEW-064A	1/31/2017 9:39	7.6	60.8	0.7	30.9	51.3	51.3	7	8	-19.0	-19.0	-19.1
GEW-067A	1/31/2017 9:32	6.8	55.6	0.4	37.2	70.2	70.2	4	4	0.1	0.1	-0.9
GEW-067A	1/31/2017 9:34	8.9	54.7	1.3	35.1	73.4	74.3	1	5	-0.2	-0.1	-0.9
GEW-077	1/17/2017 13:45	0.9	50.9	2.1	46.1	53.6		4	5	-15.9	-15.6	-15.6
GEW-077	1/31/2017 8:36	1.0	54.3	0.8	43.9	79.8	79.1	9	4	-11.7	-12.0	-11.5
GEW-077	1/31/2017 8:38	1.0	54.6	1.4	43.0	76.5	76.4	12	20	-11.6	-12.2	-12.2
GEW-078R	1/17/2017 13:17	12.5	47.4	0.0	40.1	168.2		17	10	-16.3	-15.9	-15.7
GEW-078R	1/17/2017 13:18	11.4	50.3	0.0	38.3	168.8		23	23	-16.6	-16.3	-15.2

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-078R	1/31/2017 8:43	7.7	49.5	0.2	42.6	172.6	172.1	12	9	-16.6	-17.0	-17.1
GEW-078R	1/31/2017 8:44	9.5	49.2	0.0	41.3	172.1	171.0	21	18	-17.0	-17.2	-16.2
GEW-081	1/17/2017 14:18	1.4	51.7	0.1	46.8	179.0		NR	NR	-13.7	-14.5	-13.5
GEW-081	1/17/2017 14:20	1.0	57.8	0.0	41.2	178.7		NR	NR	-13.5	-13.9	-13.1
GEW-081	1/31/2017 15:31	1.0	55.6	0.2	43.2	188.9	188.5	NR	NR	-14.7	-13.9	-14.5
GEW-081	1/31/2017 15:32	0.8	58.5	0.1	40.6	188.3	188.3	NR	NR	-14.2	-14.3	-13.9
GEW-082R	1/12/2017 11:32	3.6	64.5	0.0	31.9	185.7	185.1	4	4	-6.9	-6.8	-7.2
GEW-082R	1/12/2017 11:39	3.5	63.6	0.0	32.9	186.4	185.7	2	3	-7.1	-7.1	-7.4
GEW-082R	1/31/2017 15:44	3.6	52.0	0.1	44.3	183.3	183.9	0	2	-4.8	-4.8	-5.0
GEW-082R	1/31/2017 15:46	3.7	53.8	0.0	42.5	181.5	180.9	8	10	-4.8	-4.8	-4.9
GEW-086	1/12/2017 11:42	0.3	10.5	21.4	67.8	32.1		4	11	-1.3	-1.3	-2.0
GEW-086	1/12/2017 11:44	0.1	4.1	22.3	73.5	31.9		5	4	-1.4	-1.4	-2.1
GEW-086	1/31/2017 10:07	4.3	33.0	10.6	52.1	54.2	54.2	1	3	-0.4	-0.5	-0.9
GEW-086	1/31/2017 10:09	3.8	27.8	12.4	56.0	54.7	54.7	4	0	-0.6	-0.5	-1.0
GEW-087	1/17/2017 15:26	5.4	36.2	3.4	55.0	184.6		NR	NR	-17.2	-17.6	-16.4
GEW-087	1/17/2017 15:28	2.6	45.9	0.7	50.8	184.6		NR	NR	-17.0	-16.7	-17.1
GEW-087	1/31/2017 9:10	2.5	54.4	0.4	42.7	193.6	125.6	NR	NR	-17.9	-17.6	-18.4
GEW-087	1/31/2017 9:11	2.2	54.5	0.4	42.9	195.0	110.2	NR	NR	-18.0	-18.2	-17.6
GEW-088	1/18/2017 9:29	1.2	51.2	0.0	47.6	60.2		4	12	5.5	5.5	5.7
GEW-088	1/18/2017 9:30	1.1	51.4	0.0	47.5	61.0		5	1	5.7	5.7	5.7
GEW-090	1/12/2017 11:27	12.2	49.4	0.0	38.4	129.0		26	26	-19.8	-19.8	-18.1
GEW-090	1/12/2017 11:35	12.3	48.7	0.0	39.0	141.2		66	62	-20.1	-19.1	-12.8
GEW-090	1/31/2017 10:00	16.8	46.1	0.1	37.0	158.1	159.7	13	16	-19.0	-18.7	-18.1
GEW-090	1/31/2017 10:02	16.0	48.7	0.0	35.3	160.1	160.7	20	26	-19.0	-18.9	-15.2
GEW-091	1/18/2017 9:43	5.4	35.6	0.3	58.7	191.9		10	6	-17.8	-16.5	-17.4
GEW-091	1/18/2017 9:44	4.4	57.5	0.0	38.1	192.1		9	4	-18.2	-17.9	-17.8
GEW-091	1/31/2017 9:44	5.0	58.9	0.0	36.1	164.3	163.3	12	9	-17.0	-16.4	-17.1
GEW-091	1/31/2017 9:45	5.7	60.1	0.0	34.2	165.2	165.2	17	13	-16.1	-16.8	-16.3
GEW-101	1/19/2017 10:35	8.1	42.6	8.4	40.9	69.2		50	31	-2.4	-1.0	-14.7
GEW-101	1/19/2017 10:37	7.9	42.4	8.5	41.2	69.0		33	43	-1.0	-1.4	-5.4
GEW-101	1/30/2017 11:35	11.1	48.1	5.8	35.0	70.7	70.7	46	54	-1.7	-2.2	-13.8
GEW-101	1/30/2017 11:37	11.6	49.7	5.1	33.6	71.4	71.6	75	25	-3.4	-1.0	-13.4
GEW-102	1/12/2017 10:24	2.3	54.4	0.1	43.2	139.3		NFD		-9.1	-9.6	-9.4
GEW-102	1/12/2017 10:32	2.4	55.0	0.0	42.6	141.8		NFD		-9.9	-9.9	-9.9
GEW-102	1/30/2017 11:30	6.6	43.4	4.7	45.3	52.3	52.3	NFD		-16.4	-16.0	-16.3
GEW-102	1/30/2017 11:31	6.9	45.1	4.7	43.3	52.9	52.9	NFD		-16.2	-16.2	-16.2
GEW-105	1/18/2017 8:22	11.1	49.2	3.2	36.5	156.7		18	9	-13.9	-13.5	-18.7
GEW-105	1/18/2017 8:23	9.2	52.0	2.7	36.1	157.0		6	6	-13.8	-14.1	-19.5
GEW-105	1/30/2017 14:42	8.9	43.8	5.2	42.1	175.8	175.8	5	19	-9.0	-8.6	-12.8
GEW-105	1/30/2017 14:44	8.8	47.8	5.0	38.4	177.5	177.5	19	10	-14.6	-14.9	-12.9
GEW-106	1/20/2017 8:57	17.6	46.2	2.5	33.7	83.2		19	9	-17.8	-15.2	-19.3
GEW-106	1/30/2017 14:48	7.9	45.8	4.0	42.3	83.8	84.0	16	13	-16.4	-15.0	-18.2
GEW-107	1/12/2017 8:30	26.2	47.6	1.5	24.7	33.4		26	12	-20.3	-20.2	-20.8
GEW-107	1/12/2017 8:38	26.0	47.4	1.4	25.2	32.9		23	31	-19.8	-19.8	-19.8

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-107	1/30/2017 14:52	39.0	45.0	1.3	14.7	59.4	59.4	13	29	-18.3	-19.3	-18.4
GEW-108	1/18/2017 8:47	35.0	48.0	0.9	16.1	83.2		6	8	-19.2	-19.9	-19.1
GEW-108	1/30/2017 15:08	47.6	42.1	0.5	9.8	102.3	103.0	5	12	-18.1	-17.8	-17.7
GEW-109	1/6/2017 8:31	28.1	53.7	0.0	18.2	27.3		2	3	-14.6	-14.6	-18.2
GEW-109	1/11/2017 8:22	18.4	45.2	3.9	32.5	72.6		3	4	-14.4	-14.3	-19.4
GEW-109	1/11/2017 8:28	22.5	49.1	0.0	28.4	73.8		4	4	-14.3	-14.3	-19.6
GEW-109	1/17/2017 10:09	22.8	49.8	0.0	27.4	78.8		8	8	-11.7	-11.7	-20.2
GEW-109	1/26/2017 14:50	23.5	49.6	0.0	26.9	65.4	65.4	4	3	-12.1	-12.1	-19.0
GEW-110	1/6/2017 9:30	11.4	34.8	6.9	46.9	16.8		16	12	-0.3	-0.2	-19.1
GEW-110	1/6/2017 9:31	9.7	37.2	7.1	46.0	17.3		13	17	-0.2	-0.3	-18.2
GEW-110	1/11/2017 10:06	14.5	48.0	0.5	37.0	55.2		3	6	0.0	0.0	-20.3
GEW-110	1/11/2017 10:12	14.0	46.1	1.9	38.0	57.0		4	3	0.0	0.0	-19.8
GEW-110	1/17/2017 10:42	11.4	36.7	8.6	43.3	59.4		9	10	-0.1	-0.1	-19.8
GEW-110	1/17/2017 10:44	6.5	36.9	8.6	48.0	59.3		9	6	-0.1	-0.1	-19.8
GEW-110	1/27/2017 14:25	9.1	42.0	6.0	42.9	48.2	48.2	4	5	-0.1	-0.1	-18.9
GEW-110	1/27/2017 14:26	10.2	38.7	6.1	45.0	48.2	48.2	0	3	-0.1	-0.1	-18.9
GEW-113	1/17/2017 14:00	7.5	48.5	1.1	42.9	166.9		NFD		-3.4	-3.4	-18.1
GEW-113	1/17/2017 14:02	6.6	52.7	0.9	39.8	166.9		NFD		-3.3	-3.4	-18.3
GEW-113	1/30/2017 11:14	3.9	52.4	0.9	42.8	170.5	170.5	2	2	-0.5	-0.4	-18.4
GEW-113	1/30/2017 11:15	4.3	52.9	1.1	41.7	175.3	175.3	22	22	-9.1	-9.2	-17.2
GEW-116	1/12/2017 12:06	1.9	75.1	0.5	22.5	94.1	93.4	8	7	-14.3	-14.8	-14.7
GEW-116	1/12/2017 12:12	1.8	69.8	0.5	27.9	49.0	48.8	5	6	-15.8	-14.3	-16.4
GEW-116	1/30/2017 14:15	0.9	43.4	1.7	54.0	55.2	55.2	1	5	-14.2	-14.0	-14.2
GEW-117	1/12/2017 11:57	1.5	67.3	1.7	29.5	38.9	37.8	NFD		-14.8	-14.5	-15.3
GEW-117	1/12/2017 12:02	8.1	71.1	1.3	19.5	38.5	38.5	NFD		-14.8	-15.8	-15.4
GEW-117	1/30/2017 14:20	6.4	50.5	4.7	38.4	57.9	57.9	NFD		-14.3	-14.6	-14.3
GEW-118	1/12/2017 11:44	1.7	78.2	0.3	19.8	195.7	196.4	43	33	-11.1	-11.1	-12.3
GEW-118	1/12/2017 11:51	1.5	72.2	0.4	25.9	195.7	195.7	69	78	-3.9	-4.3	-10.8
GEW-118	1/30/2017 13:53	1.6	55.0	0.0	43.4	189.6	188.9	78	71	-4.6	-4.1	-11.9
GEW-118	1/30/2017 13:55	1.4	56.7	0.0	41.9	194.3	194.4	72	82	-4.1	-5.4	-9.8
GEW-120	1/25/2017 11:03	33.0	60.0	1.4	5.6	48.2		12	12	-11.1	-11.8	-11.2
GEW-121	1/11/2017 8:06	10.0	64.7	0.0	25.3	171.0	170.5	26	28	-12.5	-12.5	-12.8
GEW-121	1/11/2017 8:11	9.7	66.7	0.0	23.6	170.0	170.5	21	36	-12.7	-13.3	-12.8
GEW-121	1/25/2017 11:05	10.4	66.7	0.0	22.9	167.0		33	21	-15.2	-15.0	-16.1
GEW-121	1/25/2017 11:06	10.2	67.9	0.0	21.9	166.4		31	19	-15.1	-13.5	-16.1
GEW-122	1/11/2017 10:22	19.2	59.4	0.0	21.4	179.7	179.7	21	25	-12.1	-13.0	-13.1
GEW-122	1/11/2017 10:28	19.6	58.1	0.0	22.3	179.7	179.7	22	28	-12.2	-12.8	-13.1
GEW-122	1/26/2017 15:24	0.5	54.9	0.0	44.6	31.3		14	21	-15.4	-15.8	-15.1
GEW-123	1/11/2017 8:35	0.0	8.4	21.5	70.1	45.5	45.5	3	4	-13.8	-14.3	-14.2
GEW-123	1/11/2017 8:36	0.0	4.3	22.2	73.5	45.5	45.5	4	4	-14.5	-13.8	-14.7
GEW-123	1/26/2017 15:15	0.0	0.0	21.7	78.3	32.8		1	3	-14.9	-14.5	-15.5
GEW-123	1/26/2017 15:16	0.0	0.0	21.9	78.1	33.0		3	5	-14.5	-14.5	-15.1
GEW-124	1/11/2017 9:02	34.4	54.0	2.9	8.7	47.0	47.0	6	7	-3.9	-3.8	-4.9
GEW-124	1/11/2017 9:07	32.0	46.5	4.0	17.5	46.5	46.4	4	4	-3.9	-3.9	-4.9

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-124	1/26/2017 15:20	19.8	56.8	0.3	23.1	33.0		7	8	-14.9	-14.9	-15.3
GEW-125	1/11/2017 11:33	2.3	69.1	0.0	28.6	182.1	182.1	19	9	-13.8	-13.9	-14.3
GEW-125	1/11/2017 11:38	2.3	68.7	0.0	29.0	182.7	182.7	16	18	-13.8	-13.2	-14.2
GEW-125	1/25/2017 11:15	2.7	70.1	0.0	27.2	177.2		9	16	-16.2	-16.6	-17.4
GEW-125	1/25/2017 11:16	2.7	70.6	0.0	26.7	177.7		13	22	-16.2	-16.2	-16.7
GEW-126	1/11/2017 13:36	23.7	59.0	0.2	17.1	134.7	133.2	36	38	-8.8	-8.8	-10.4
GEW-126	1/11/2017 13:44	24.7	57.1	0.0	18.2	130.6	130.3	14	12	-10.5	-10.5	-11.0
GEW-126	1/25/2017 11:19	20.2	62.2	0.5	17.1	51.9		7	4	-15.5	-15.5	-16.1
GEW-127	1/11/2017 14:24	2.8	53.8	6.2	37.2	178.6	178.0	20	22	-12.0	-12.5	-11.5
GEW-127	1/11/2017 14:28	3.1	53.6	6.4	36.9	178.6	178.6	33	25	-10.5	-11.3	-11.2
GEW-127	1/25/2017 11:22	4.3	59.7	4.5	31.5	176.2		26	32	-13.5	-15.0	-14.3
GEW-127	1/25/2017 11:23	3.9	61.8	4.4	29.9	176.9		31	33	-13.1	-15.4	-14.1
GEW-128	1/12/2017 8:10	7.3	71.4	0.0	21.3	172.2	172.1	22	24	-12.8	-13.1	-13.3
GEW-128	1/12/2017 8:16	6.9	75.0	0.0	18.1	172.3	172.2	22	22	-12.8	-13.1	-14.1
GEW-128	1/25/2017 11:26	6.9	77.2	0.0	15.9	170.7		19	23	-14.8	-14.7	-16.5
GEW-128	1/25/2017 11:27	7.0	77.7	0.0	15.3	170.7		17	21	-14.5	-14.9	-16.1
GEW-129	1/12/2017 8:26	1.1	68.7	4.3	25.9	35.3	35.3	9	8	-12.5	-13.1	-14.1
GEW-129	1/12/2017 8:32	1.2	84.8	1.0	13.0	34.8	34.8	6	5	-12.5	-11.9	-15.1
GEW-129	1/25/2017 11:30	1.3	84.4	0.0	14.3	47.5		16	14	-11.0	-10.8	-16.3
GEW-130	1/11/2017 13:52	0.3	67.4	0.0	32.3	195.0	195.0	33	26	8.1	7.9	7.2
GEW-130	1/11/2017 13:57	0.3	66.3	0.0	33.4	195.0		27	NR	8.1	NR	8.0
GEW-130	1/26/2017 15:47	4.9	44.3	6.2	44.6	158.3		25	26	-6.3	-6.6	-6.6
GEW-130	1/26/2017 15:48	4.6	45.9	6.3	43.2	157.5		27	25	-5.6	-5.6	-6.3
GEW-131	1/11/2017 10:55	0.6	74.8	0.0	24.6	64.4	64.7	NFD		6.7	6.7	5.7
GEW-131	1/11/2017 11:00	0.7	74.2	0.0	25.1	67.3	67.1	NFD		6.7	6.7	5.7
GEW-131	1/26/2017 15:43	26.5	46.6	0.6	26.3	178.7		NFD		-5.1	-5.1	-5.8
GEW-131	1/26/2017 15:44	25.7	47.3	0.4	26.6	180.3		NFD		-4.9	-4.7	-5.4
GEW-132	1/9/2017 14:44	5.1	63.9	0.0	31.0	174.6	174.2	4	4	0.0	0.0	-9.8
GEW-132	1/9/2017 14:51	5.2	63.5	0.0	31.3	174.0	173.9	3	4	0.0	0.0	-5.1
GEW-132	1/25/2017 11:10	4.7	54.2	4.6	36.5	171.2		10	9	-0.3	-0.3	-13.6
GEW-132	1/25/2017 11:11	4.4	54.2	4.6	36.8	171.4		9	8	-0.3	-0.3	-13.7
GEW-133	1/9/2017 14:07	0.2	9.6	18.1	72.1	44.6	44.6	3	5	-2.3	-2.3	-13.1
GEW-133	1/9/2017 14:13	0.3	14.1	15.6	70.0	44.3	44.3	4	4	-4.3	-4.2	-12.5
GEW-133	1/26/2017 15:37	0.2	4.0	21.6	74.2	32.9		3	3	0.0	0.0	-15.7
GEW-133	1/26/2017 15:38	0.1	2.8	21.9	75.2	32.4		5	2	0.0	0.0	-15.3
GEW-134	1/9/2017 13:43	18.9	59.5	0.0	21.6	148.7	148.4	3	2	0.0	0.0	-12.9
GEW-134	1/9/2017 13:49	19.2	58.9	0.0	21.9	148.4	149.1	2	2	0.0	0.0	-12.4
GEW-134	1/26/2017 15:29	14.4	48.4	1.4	35.8	138.3		6	6	-0.9	-0.9	-15.5
GEW-134	1/26/2017 15:30	14.5	49.5	1.4	34.6	139.0		9	10	-0.9	-0.9	-15.7
GEW-135	1/9/2017 13:29	0.1	6.9	18.4	74.6	46.3	46.7	10	14	-13.9	-12.2	-14.1
GEW-135	1/9/2017 13:35	0.0	4.8	19.4	75.8	47.9	47.8	20	15	-13.2	-13.4	-12.2
GEW-135	1/25/2017 11:53	0.0	5.6	20.9	73.5	49.0		4	7	-16.2	-16.5	-16.7
GEW-135	1/25/2017 11:54	0.0	4.5	21.1	74.4	49.0		3	7	-16.2	-16.6	-16.4
GEW-136	1/9/2017 11:21	7.7	51.4	0.3	40.6	77.7	77.8	11	3	-0.4	-0.4	-7.7

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

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		(% vol)				°F		scfm		H ₂ O		
GEW-136	1/9/2017 11:27	8.0	45.3	0.3	46.4	78.2	78.0	5	3	-0.5	-0.5	-7.5
GEW-136	1/25/2017 11:49	5.6	33.2	5.2	56.0	90.7		7	6	-0.8	-0.8	-12.7
GEW-136	1/30/2017 17:44	5.4	31.5	4.9	58.2	100.6	100.6	5	4	-0.7	-0.7	-10.8
GEW-137	1/9/2017 11:06	0.5	70.6	0.0	28.9	37.8	37.8	4	11	0.8	0.8	0.3
GEW-137	1/9/2017 11:12	0.5	69.8	0.0	29.7	37.5	37.5	5	15	0.8	0.9	0.7
GEW-137	1/25/2017 11:46	10.2	23.2	4.4	62.2	50.3		4	3	-0.1	-0.1	2.3
GEW-138	1/9/2017 14:22	0.0	5.2	20.4	74.4	44.0	44.1	3	3	-14.2	-14.9	-14.4
GEW-138	1/9/2017 14:23	0.0	2.2	20.8	77.0	44.1	44.3	1	3	-14.7	-14.6	-14.4
GEW-138	1/25/2017 11:39	0.0	5.4	21.2	73.4	47.9		9	6	-16.6	-16.6	-17.0
GEW-138	1/25/2017 11:39	0.0	4.1	21.4	74.5	47.6		7	9	-16.7	-16.9	-17.2
GEW-139	1/12/2017 9:30	3.1	53.9	6.0	37.0	139.6	139.6	19	20	-11.6	-11.5	-17.4
GEW-139	1/12/2017 9:36	3.2	50.1	6.2	40.5	139.9	139.7	21	22	-11.1	-11.1	-15.6
GEW-139	1/25/2017 11:34	3.2	57.9	4.0	34.9	149.7		18	19	-8.5	-8.4	-13.5
GEW-139	1/25/2017 11:34	3.2	55.6	4.0	37.2	149.0		19	23	-9.1	-8.8	-13.9
GEW-140	1/12/2017 10:06	6.2	43.2	8.3	42.3	100.7	100.6	14	11	-1.6	-1.6	-13.3
GEW-140	1/12/2017 10:12	6.1	42.1	8.2	43.6	101.3	101.1	14	13	-1.6	-1.6	-15.4
GEW-140	1/26/2017 15:56	5.3	35.5	10.0	49.2	94.2		11	10	-2.0	-1.8	-15.5
GEW-140	1/26/2017 15:57	5.3	34.8	10.1	49.8	94.2		12	13	-2.0	-2.1	-16.0
GEW-141	1/12/2017 9:15	0.2	68.0	1.8	30.0	35.0	35.0	9	11	-9.8	-9.8	-10.0
GEW-141	1/12/2017 9:20	0.1	69.4	1.4	29.1	34.9	35.0	5	15	-9.7	-9.7	-9.9
GEW-141	1/26/2017 16:02	2.3	54.4	4.6	38.7	30.3		14	NR	-3.6	NR	-5.8
GEW-142	1/12/2017 10:35	1.9	73.1	3.3	21.7	37.1	37.1	14	11	-6.1	-6.7	-8.4
GEW-142	1/12/2017 10:40	2.2	64.2	3.5	30.1	37.2	37.2	5	4	-6.9	-6.4	-7.7
GEW-143	1/12/2017 10:46	0.0	12.7	19.3	68.0	34.6	34.5	2	4	-13.5	-13.5	-14.7
GEW-143	1/12/2017 10:47	0.0	12.6	19.3	68.1	34.6	34.5	3	3	-13.7	-13.6	-14.6
GEW-143	1/26/2017 16:05	0.1	14.4	18.2	67.3	30.8		2	4	-10.0	-10.0	-13.6
GEW-143	1/26/2017 16:06	0.1	13.3	18.2	68.4	30.7		1	4	-10.5	-10.4	-15.0
GEW-144	1/12/2017 10:51	5.3	70.0	0.6	24.1	37.7	37.4	16	18	-9.1	-7.8	-10.4
GEW-144	1/12/2017 10:56	5.2	66.7	0.4	27.7	38.5	38.6	13	16	-8.1	-10.1	-8.1
GEW-144	1/26/2017 16:09	3.1	54.1	2.8	40.0	31.4		13	3	-7.1	-7.0	-7.6
GEW-145	1/12/2017 10:17	2.9	22.6	17.6	56.9	32.5		4	8	-10.1	-10.3	-9.7
GEW-145	1/12/2017 10:19	1.8	13.9	17.1	67.2	32.2		4	4	-9.7	-9.7	-9.4
GEW-145	1/26/2017 16:15	0.0	10.6	20.5	68.9	30.5		9	8	-15.9	-17.1	-16.3
GEW-145	1/26/2017 16:18	0.0	6.6	21.2	72.2	30.5		13	15	-11.6	-11.5	-16.3
GEW-146	1/9/2017 10:47	2.7	8.9	13.2	75.2	69.3	69.3	14	8	-0.2	-0.2	-18.6
GEW-146	1/9/2017 10:54	2.7	9.5	12.9	74.9	68.8	68.8	9	13	-0.2	-0.2	-18.4
GEW-146	1/26/2017 16:21	2.2	5.5	16.3	76.0	64.3		12	7	-0.3	-0.3	-19.5
GEW-146	1/26/2017 16:22	2.2	6.4	16.1	75.3	64.6		13	13	-0.3	-0.3	-19.0
GEW-147	1/9/2017 11:38	12.6	59.5	0.2	27.7	178.0	178.0	19	15	-14.9	-14.9	-17.8
GEW-147	1/9/2017 11:45	12.9	58.8	0.2	28.1	178.1	178.0	24	22	-14.2	-14.5	-17.5
GEW-147	1/26/2017 16:26	13.5	51.0	0.3	35.2	176.5		23	23	-14.9	-14.9	-18.9
GEW-147	1/26/2017 16:28	13.5	50.4	0.2	35.9	176.7		24	22	-15.1	-14.9	-19.2
GEW-148	1/9/2017 10:14	0.1	14.0	20.8	65.1	36.4	36.4	23	21	-16.6	-15.8	-17.7
GEW-148	1/9/2017 10:19	0.0	3.8	22.7	73.5	36.8	36.8	28	21	-15.4	-16.2	-16.0

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-149	1/9/2017 9:39	18.4	53.8	0.9	26.9	152.1	152.1	27	24	-0.7	-0.8	-20.1
GEW-149	1/9/2017 9:45	17.9	53.7	0.7	27.7	152.5	152.5	23	21	-0.6	-0.6	-19.7
GEW-149	1/27/2017 12:05	15.5	46.9	1.7	35.9	147.0	147.0	29	29	-0.6	-0.6	-19.8
GEW-149	1/27/2017 12:06	16.1	46.7	1.7	35.5	147.0	147.0	31	24	-0.7	-0.9	-20.1
GEW-150	1/11/2017 16:08	6.1	51.5	2.7	39.7	155.4		5	10	-0.6	-0.7	-18.6
GEW-150	1/11/2017 16:15	6.2	50.9	2.8	40.1	155.6		8	9	-0.5	-0.5	-18.9
GEW-150	1/27/2017 12:11	4.5	45.2	6.2	44.1	155.7	155.6	4	6	-0.7	-0.7	-19.3
GEW-150	1/27/2017 12:12	4.1	45.8	6.3	43.8	155.6	155.6	1	4	-0.7	-0.7	-18.7
GEW-151	1/9/2017 9:57	1.2	57.5	0.0	41.3	35.3	35.3	9	5	2.5	2.5	2.1
GEW-151	1/9/2017 10:03	1.2	56.6	0.0	42.2	35.5	35.5	6	7	2.5	2.5	2.0
GEW-151	1/27/2017 12:02	1.1	48.9	0.0	50.0	33.0	33.1	4	6	2.2	2.3	2.3
GEW-152	1/11/2017 14:42	0.1	4.8	20.1	75.0	77.5		8	8	-13.1	-13.1	-18.4
GEW-152	1/11/2017 14:44	0.0	1.2	20.3	78.5	77.7		4	4	-11.1	-11.1	-18.8
GEW-152	1/31/2017 14:00	0.0	0.0	20.6	79.4	56.3	56.3	3	0	-13.7	-13.6	-18.2
GEW-152	1/31/2017 14:02	0.0	0.0	20.7	79.3	56.2	56.3	4	3	-17.6	-18.6	-17.6
GEW-153	1/11/2017 14:17	33.7	42.7	2.2	21.4	124.0		24	18	-15.8	-16.2	-18.5
GEW-153	1/11/2017 14:23	36.6	45.6	0.0	17.8	123.4		18	21	-15.8	-16.4	-17.6
GEW-153	1/27/2017 12:27	7.6	42.7	4.8	44.9	31.8	31.8	7	8	-20.2	-19.3	-20.1
GEW-154	1/9/2017 9:10	1.5	12.1	20.5	65.9	33.0	33.0	29	26	-17.5	-17.6	-17.2
GEW-154	1/9/2017 9:16	1.1	5.8	21.9	71.2	32.9	32.9	31	34	-18.2	-16.9	-18.1
GEW-154	1/31/2017 9:53	0.1	4.4	21.0	74.5	51.8	50.6	4	2	-15.7	-16.4	-16.2
GEW-154	1/31/2017 9:55	0.1	0.7	21.2	78.0	50.4	50.4	4	4	-15.6	-16.0	-16.6
GEW-155	1/9/2017 14:30	6.3	59.8	0.2	33.7	45.0	44.8	18	17	-14.2	-13.6	-13.4
GEW-155	1/9/2017 14:36	5.7	61.3	0.0	33.0	44.8	44.8	16	13	-13.6	-13.9	-13.2
GEW-155	1/27/2017 14:42	0.1	0.0	22.0	77.9	35.3	35.3	5	5	-14.8	-14.4	-14.4
GEW-156	1/12/2017 10:09	10.6	29.9	11.3	48.2	74.8		4	7	-0.4	-0.5	-19.1
GEW-156	1/12/2017 10:11	10.6	29.4	11.3	48.7	75.5		8	8	-0.4	-0.5	-18.4
GEW-156	1/27/2017 14:57	14.5	30.0	7.9	47.6	64.2	67.7	8	11	-1.3	-1.4	-17.8
GEW-156	1/27/2017 14:58	14.3	30.5	7.9	47.3	76.4	76.7	14	14	-1.3	-1.4	-17.8
GEW-157	1/12/2017 9:41	0.1	5.7	22.7	71.5	31.3		12	14	-13.7	-13.7	-13.4
GEW-157	1/12/2017 9:42	0.0	1.7	23.3	75.0	31.3		3	6	-12.7	-12.7	-12.7
GEW-157	1/27/2017 15:02	0.2	21.2	11.5	67.1	37.5	37.4	7	9	-12.7	-12.4	-12.1
GEW-157	1/27/2017 15:03	0.1	20.4	16.8	62.7	38.3	38.3	6	13	-12.7	-12.0	-12.1
GEW-158	1/11/2017 14:50	0.1	1.8	20.0	78.1	76.5		6	6	-16.9	-16.9	-18.6
GEW-158	1/11/2017 14:51	0.0	0.8	20.2	79.0	76.2		8	7	-17.2	-17.1	-18.9
GEW-158	1/31/2017 14:17	0.1	12.6	18.6	68.7	54.4	54.4	3	3	-17.8	-17.9	-18.8
GEW-158	1/31/2017 14:19	0.0	1.9	20.2	77.9	53.9	53.9	2	5	-17.1	-17.0	-19.2
GEW-159	1/11/2017 14:09	0.1	2.2	19.9	77.8	74.9		9	11	25.8	25.8	-8.3
GEW-159	1/11/2017 14:10	0.1	0.8	20.5	78.6	73.8		13	13	-7.7	-7.7	-7.9

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-159	1/27/2017 15:08	2.1	14.7	18.6	64.6	39.9	39.8	7	7	-9.6	-9.6	-9.2
GEW-159	1/27/2017 15:08	2.5	13.0	19.0	65.5	40.7	40.8	7	8	-9.3	-9.3	-8.8
GEW-160	1/9/2017 8:38	5.9	64.3	0.1	29.7	38.9	38.6	12	12	-8.2	-8.1	-8.2
GEW-160	1/9/2017 8:46	5.6	65.8	0.0	28.6	38.5	38.4	15	23	-8.2	-8.1	-8.6
GEW-160	1/27/2017 15:12	15.6	52.7	0.2	31.5	40.0	40.2	9	15	-9.4	-9.3	-8.8
GEW-160	1/27/2017 15:13	15.9	53.8	0.2	30.1	40.6	40.7	0	7	-9.4	-9.3	-9.2
GEW-161	1/9/2017 8:49	3.0	67.0	0.0	30.0	33.4	33.3	8	8	-8.1	-7.8	-8.8
GEW-161	1/9/2017 8:54	3.0	64.6	0.0	32.4	33.3	33.3	11	9	-7.8	-7.8	-8.7
GEW-161	1/27/2017 15:17	0.2	29.2	12.9	57.7	39.5	39.5	3	7	-9.3	-9.3	-9.1
GEW-161	1/27/2017 15:18	0.3	28.9	12.9	57.9	39.5	39.5	5	5	-9.3	-9.3	-9.2
GEW-162	1/9/2017 9:32	0.3	4.4	22.6	72.7	32.7	32.8	2	3	-18.9	-18.2	-19.1
GEW-162	1/9/2017 9:34	0.0	3.5	22.8	73.7	33.0	33.0	2	17	-18.2	-18.3	-18.6
GEW-162	1/27/2017 15:22	0.0	5.5	21.5	73.0	44.0	44.0	4	14	-18.4	-18.4	-18.1
GEW-162	1/27/2017 15:23	0.0	4.2	21.6	74.2	44.6	44.7	7	11	-18.7	-18.4	-18.4
GEW-163	1/5/2017 16:29	4.4	22.3	15.0	58.3	187.3	187.6	50	35	-1.4	-1.4	-10.4
GEW-163	1/5/2017 16:31	1.2	22.6	14.9	61.3	187.1	187.0	42	47	-0.9	-0.9	-10.4
GEW-163	1/11/2017 8:19	0.8	20.1	16.8	62.3	172.1	172.1	46	48	-0.6	-0.6	-10.3
GEW-163	1/11/2017 8:24	0.7	17.8	17.2	64.3	171.6	172.6	41	46	-0.7	-0.7	-5.0
GEW-163	1/20/2017 8:07	3.8	32.3	14.8	49.1	161.8		49	47	-1.1	-1.0	-10.7
GEW-163	1/20/2017 8:08	1.0	20.1	16.3	62.6	161.3		42	50	-1.1	-1.1	-10.5
GEW-163	1/27/2017 15:40	1.7	13.5	18.7	66.1	125.9	126.6	92	81	-4.3	-4.1	-6.4
GEW-163	1/27/2017 15:41	1.7	13.4	18.6	66.3	126.2	126.7	80	78	-4.0	-4.0	-6.4
GEW-164	1/6/2017 13:48	7.4	25.5	11.3	55.8	148.5		53	58	-1.5	-1.5	-14.3
GEW-164	1/6/2017 13:50	6.8	30.0	10.6	52.6	149.7		48	60	-1.1	-1.2	-15.2
GEW-164	1/11/2017 8:47	5.4	27.4	13.8	53.4	140.2	139.6	55	54	-1.4	-1.4	-13.6
GEW-164	1/11/2017 8:53	5.3	27.1	13.7	53.9	139.4	139.6	50	57	-1.5	-1.6	-15.1
GEW-164	1/20/2017 8:11	9.8	43.0	5.8	41.4	171.2		35	37	-0.4	-0.4	-16.2
GEW-164	1/20/2017 8:12	9.5	48.3	5.7	36.5	171.2		32	33	-0.4	-0.4	-16.6
GEW-164	1/27/2017 15:44	11.4	41.8	8.0	38.8	152.5	152.5	51	45	-1.1	-1.1	-16.3
GEW-164	1/27/2017 15:45	11.4	42.5	7.9	38.2	152.9	152.5	47	47	-1.1	-1.1	-15.4
GEW-165	1/7/2017 16:37	3.6	60.7	0.0	35.7	193.1		22	29	-13.5	-13.5	-13.3
GEW-165	1/7/2017 16:38	3.0	62.1	0.0	34.9	193.1		17	17	-14.2	-14.2	-14.1
GEW-165	1/11/2017 9:53	3.3	76.4	0.0	20.3	194.4	194.3	12	19	-14.5	-15.2	-14.9
GEW-165	1/11/2017 9:58	3.5	71.9	0.0	24.6	194.3	194.3	16	21	-13.9	-13.9	-14.3
GEW-165	1/20/2017 8:16	9.6	56.8	0.1	33.5	193.4		45	55	-13.7	-13.5	-15.0
GEW-165	1/20/2017 8:18	7.7	61.6	0.0	30.7	193.7		45	50	-14.5	-14.5	-14.8
GEW-165	1/27/2017 15:49	6.8	60.5	0.0	32.7	193.0	192.9	29	18	-14.9	-14.7	-14.5
GEW-165	1/27/2017 15:49	6.6	61.1	0.0	32.3	193.0	192.9	34	19	-14.7	-14.4	-14.8
GEW-166	1/7/2017 16:42	10.3	41.9	6.6	41.2	175.7		30	36	-9.1	-9.3	-16.0
GEW-166	1/7/2017 16:42	11.0	40.2	6.7	42.1	175.7		30	29	-8.8	-8.8	-15.1
GEW-166	1/11/2017 10:07	5.7	40.8	8.2	45.3	176.4	176.4	27	34	-9.1	-9.1	-16.2
GEW-166	1/11/2017 10:13	5.9	36.9	8.3	48.9	176.4	176.4	41	26	-8.8	-8.7	-16.6
GEW-166	1/20/2017 8:22	4.2	39.2	7.6	49.0	179.3		52	48	-12.8	-12.8	-16.9
GEW-166	1/20/2017 8:23	4.4	36.8	7.8	51.0	179.3		48	47	-12.4	-12.4	-15.7

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-166	1/27/2017 15:53	7.4	39.7	7.3	45.6	173.1	173.1	36	42	-13.4	-13.4	-15.4
GEW-166	1/27/2017 15:54	7.8	38.3	7.4	46.5	173.1	173.1	43	39	-13.4	-13.4	-15.1
GEW-167	1/7/2017 16:45	4.9	43.3	4.9	46.9	176.2		9	7	-0.2	-0.2	-11.6
GEW-167	1/7/2017 16:46	4.3	43.7	4.8	47.2	176.7		9	8	-0.2	-0.2	-11.5
GEW-167	1/11/2017 10:38	3.9	48.0	5.1	43.0	176.4	176.4	11	10	-0.2	-0.2	-10.4
GEW-167	1/11/2017 10:45	3.7	46.8	5.1	44.4	176.4	176.4	13	12	-0.2	-0.1	-10.7
GEW-167	1/20/2017 8:28	3.9	40.6	5.8	49.7	172.2		28	23	-0.5	-0.5	-16.1
GEW-167	1/20/2017 8:29	3.9	41.1	5.8	49.2	172.2		30	25	-0.6	-0.5	-16.4
GEW-167	1/27/2017 15:57	3.1	41.6	5.5	49.8	175.8	175.9	35	20	-0.7	-0.4	-13.5
GEW-167	1/27/2017 15:58	2.9	42.4	5.4	49.3	175.9	176.4	39	22	-0.8	-0.5	-13.8
GEW-168	1/7/2017 16:51	5.0	57.4	0.5	37.1	179.3		139	146	-8.1	-7.9	-13.7
GEW-168	1/7/2017 16:52	5.0	57.8	0.5	36.7	178.7		147	151	-8.2	-8.2	-14.9
GEW-168	1/11/2017 11:45	4.5	70.8	0.4	24.3	179.2	179.2	155	144	-6.5	-6.4	-14.1
GEW-168	1/11/2017 11:50	4.5	71.3	0.4	23.8	179.2	179.2	139	161	-6.2	-6.2	-12.7
GEW-168	1/20/2017 8:34	5.7	52.5	0.5	41.3	179.8		155	156	-7.7	-7.7	-15.4
GEW-168	1/20/2017 8:36	5.0	57.6	0.4	37.0	179.8		155	158	-8.0	-8.0	-15.1
GEW-168	1/27/2017 16:02	5.2	57.2	0.0	37.6	176.4	176.4	158	157	-7.2	-7.3	-14.7
GEW-168	1/27/2017 16:03	5.3	58.1	0.0	36.6	176.4	176.4	156	161	-7.3	-7.3	-14.4
GEW-169	1/7/2017 16:55	4.2	53.0	4.6	38.2	191.4		48	52	-4.1	-4.1	-14.7
GEW-169	1/7/2017 16:57	3.9	52.0	4.7	39.4	191.3		55	47	-4.1	-4.1	-14.9
GEW-169	1/11/2017 13:11	3.8	62.4	4.0	29.8	193.6	193.6	22	30	-3.5	-3.4	-12.6
GEW-169	1/11/2017 13:17	3.8	60.1	4.0	32.1	193.6	193.6	17	24	-3.5	-3.4	-13.3
GEW-169	1/20/2017 8:40	3.7	51.0	4.7	40.6	189.6		53	58	-4.8	-4.8	-17.5
GEW-169	1/20/2017 8:41	3.7	50.5	4.8	41.0	189.6		56	50	-4.6	-4.6	-16.4
GEW-169	1/27/2017 16:07	2.6	36.5	11.3	49.6	168.5	168.5	58	44	-11.2	-11.0	-16.1
GEW-169	1/27/2017 16:08	2.7	35.6	11.5	50.2	168.5	168.5	48	55	-11.0	-11.0	-14.9
GEW-170	1/11/2017 14:34	4.9	58.0	5.2	31.9	175.8	175.9	54	50	-3.0	-3.0	-0.9
GEW-170	1/11/2017 14:40	5.1	56.2	5.1	33.6	176.4	176.4	46	46	-3.0	-3.1	-0.8
GEW-170	1/27/2017 16:12	4.4	44.8	7.8	43.0	171.8	171.6	55	52	-4.6	-4.6	-10.4
GEW-170	1/27/2017 16:13	4.4	45.5	7.8	42.3	171.0	171.0	42	47	-4.6	-4.6	-10.1
GEW-172	1/12/2017 10:20	1.0	71.0	0.1	27.9	195.6	195.3	2	34	-1.7	-1.3	-2.0
GEW-172	1/12/2017 10:26	0.6	69.6	0.0	29.8	195.0	195.0	31	36	-1.2	-1.0	-2.0
GEW-172	1/27/2017 16:21	4.2	55.0	0.0	40.8	183.9	183.9	33	33	-1.9	-1.8	0.2
GEW-172	1/27/2017 16:22	4.2	54.9	0.0	40.9	183.9	183.9	38	35	-2.0	-2.1	-2.0
GEW-173	1/12/2017 9:58	4.4	20.6	15.8	59.2	101.1	101.1	5	30	-0.6	-0.6	-15.1
GEW-173	1/12/2017 10:03	4.4	17.0	15.9	62.7	101.5	101.1	37	7	-0.6	-0.6	-15.9
GEW-173	1/27/2017 16:27	6.7	32.4	9.0	51.9	86.5	86.3	22	41	-0.6	-0.6	-16.5
GEW-173	1/27/2017 16:27	7.0	31.2	9.1	52.7	86.3	86.3	28	48	-0.6	-0.7	-16.7
GEW-174	1/12/2017 10:42	5.3	43.7	4.5	46.5	178.2		27	27	-0.5	-0.5	-13.8
GEW-174	1/12/2017 10:50	5.4	42.5	4.5	47.6	178.7		22	32	-0.4	-0.4	-12.7
GEW-174	1/27/2017 16:31	6.3	44.3	2.2	47.2	178.7	178.6	34	42	-1.3	-1.4	-13.4
GEW-174	1/27/2017 16:32	5.9	44.6	2.1	47.4	178.7	179.2	29	38	-1.3	-1.3	-13.8
GEW-175	1/11/2017 15:56	19.3	49.9	2.4	28.4	129.9		58	76	-1.3	-1.3	-20.4
GEW-175	1/11/2017 16:03	18.9	47.9	2.6	30.6	129.6		67	67	-1.3	-1.3	-19.2

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GEW-175	1/27/2017 16:37	16.6	46.4	3.7	33.3	137.1	137.1	53	43	-1.5	-1.5	-18.7
GEW-175	1/27/2017 16:38	17.2	47.2	3.8	31.8	137.1	136.8	66	58	-1.2	-1.2	-18.8
GEW-176	1/11/2017 14:58	24.5	47.6	1.3	26.6	117.8		46	46	-1.3	-1.1	-19.0
GEW-176	1/11/2017 15:06	24.3	48.7	1.3	25.7	117.2		45	36	-1.0	-1.2	-18.7
GEW-176	1/27/2017 16:41	20.6	49.8	2.1	27.5	104.8	104.8	42	64	-1.0	-1.3	-18.9
GEW-177	1/12/2017 8:42	0.1	64.7	3.6	31.6	35.3	35.3	19	12	-14.5	-14.2	-14.5
GEW-177	1/12/2017 8:47	0.1	60.9	4.8	34.2	35.3	35.3	32	24	-14.8	-14.8	-15.1
GEW-177	1/27/2017 16:16	0.2	37.5	11.3	51.0	45.8	45.8	28	6	-14.5	-15.6	-13.5
GEW-177	1/27/2017 16:18	0.2	41.5	9.3	49.0	45.9	45.9	38	16	-15.5	-15.1	-15.1
GEW-1A	1/5/2017 12:12	1.4	13.6	20.0	65.0	27.5	27.4	5	4	-7.2	-7.2	-12.0
GEW-1A	1/5/2017 12:14	0.2	1.6	21.3	76.9	25.6	25.5	3	4	-7.8	-7.8	-12.5
GEW-1A	1/9/2017 14:48	0.7	9.4	19.8	70.1	44.1		7	7	-11.2	-11.2	-14.6
GEW-1A	1/9/2017 14:49	0.5	2.9	20.6	76.0	43.9		5	5	-11.5	-11.5	-14.4
GEW-1A	1/16/2017 15:01	2.0	16.6	18.9	62.5	54.9		5	3	-9.4	-9.4	-14.0
GEW-1A	1/16/2017 15:01	0.9	7.8	20.1	71.2	54.9		0	6	-10.2	-9.6	-13.7
GEW-1A	1/24/2017 15:19	0.7	7.1	19.9	72.3	55.5		5	5	-7.7	-7.3	-13.8
GEW-1A	1/24/2017 15:20	0.7	3.3	20.2	75.8	55.5		5	5	-7.7	-7.6	-13.9
GEW-2S	1/5/2017 12:28	60.8	36.0	0.0	3.2	26.4	26.4	3	7	-2.9	-2.9	-12.3
GEW-2S	1/9/2017 15:00	59.6	37.0	0.1	3.3	43.8		11	15	-6.1	-6.1	-14.3
GEW-2S	1/9/2017 15:10	58.0	38.1	0.2	3.7	44.1		7	3	2.4	2.2	-14.3
GEW-2S	1/16/2017 15:11	58.8	37.7	0.0	3.5	55.2		5	5	2.8	2.8	-13.7
GEW-2S	1/16/2017 15:14	57.8	39.2	0.0	3.0	55.1		3	4	-3.5	-3.5	-13.7
GEW-2S	1/24/2017 15:26	62.0	33.6	0.0	4.4	53.4		1	3	-9.7	-9.8	-13.8
GIW-01	1/7/2017 16:12	4.3	61.2	1.5	33.0	179.3		13	13	-4.9	-4.9	-19.3
GIW-01	1/7/2017 16:29	4.3	62.9	1.3	31.5	178.3		14	15	-4.9	-5.0	-19.4
GIW-01	1/11/2017 10:47	4.9	56.7	1.6	36.8	174.3		5	2	-3.7	-3.7	-19.5
GIW-01	1/11/2017 10:54	5.0	64.2	0.1	30.7	174.2		8	6	-3.9	-3.8	-19.2
GIW-01	1/17/2017 10:48	9.7	45.6	6.3	38.4	126.6		13	6	-17.1	-17.1	-19.6
GIW-01	1/17/2017 10:50	9.4	46.4	6.1	38.1	127.8		13	7	-17.2	-17.2	-19.8
GIW-01	1/27/2017 10:44	8.6	55.5	0.5	35.4	173.6	173.7	4	6	-4.2	-4.1	-19.9
GIW-01	1/27/2017 10:47	5.3	64.6	0.3	29.8	172.1	172.1	13	13	-4.3	-4.3	-20.0
GIW-02	1/6/2017 9:41	10.0	53.7	6.9	29.4	16.9		2	3	-0.2	-0.2	-18.4
GIW-02	1/6/2017 9:43	10.1	54.1	7.0	28.8	17.1		3	3	-0.2	-0.2	-18.2
GIW-02	1/11/2017 11:00	13.3	61.8	0.0	24.9	53.4		1	4	0.0	0.0	-18.5
GIW-02	1/11/2017 11:18	13.4	60.4	0.0	26.2	55.2		5	3	-0.1	-0.1	-19.0
GIW-02	1/17/2017 10:53	6.3	38.6	11.2	43.9	50.5		10	9	-0.3	-0.3	-19.6
GIW-02	1/17/2017 10:55	6.4	37.8	11.2	44.6	50.3		9	9	-0.2	-0.2	-19.5
GIW-02	1/27/2017 10:51	11.1	41.6	6.6	40.7	33.4	33.4	5	1	-0.3	-0.3	-19.1
GIW-02	1/27/2017 10:53	11.2	40.0	6.7	42.1	33.1	33.1	5	3	-0.3	-0.2	-19.2
GIW-03	1/7/2017 16:26	2.0	55.0	4.5	38.5	34.9		5	5	-2.2	-2.2	-9.3
GIW-03	1/11/2017 11:22	1.2	63.5	0.0	35.3	55.9		5	2	3.1	3.1	-9.4
GIW-03	1/11/2017 11:30	1.2	63.6	0.0	35.2	57.7		7	7	0.2	0.2	-9.0
GIW-03	1/17/2017 10:58	2.9	51.4	2.9	42.8	50.5		8	8	-1.2	-1.2	-10.6
GIW-03	1/27/2017 10:56	2.8	57.9	2.0	37.3	32.5	32.5	5	2	-0.7	-0.7	-10.2

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

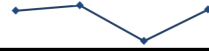
Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GIW-04	1/6/2017 11:12	1.2	64.4	2.0	32.4	23.0		5	4	-3.7	-3.7	-8.1
GIW-04	1/11/2017 11:34	1.3	55.1	0.5	43.1	60.2		4	1	-0.1	-0.1	-9.1
GIW-04	1/11/2017 11:44	1.4	53.2	0.1	45.3	61.8		3	3	-0.7	-0.7	-9.1
GIW-04	1/17/2017 11:01	0.9	51.3	1.9	45.9	50.2		9	9	-3.5	-3.5	-10.3
GIW-04	1/27/2017 11:00	1.1	51.5	1.9	45.5	31.5	31.5	5	5	-4.4	-4.4	-9.9
GIW-05	1/6/2017 8:59	0.1	13.9	21.1	64.9	9.5		0	0	0.1	0.1	-7.1
GIW-05	1/6/2017 9:01	0.1	8.3	22.2	69.4	10.1		0	0	0.0	0.0	-7.1
GIW-05	1/11/2017 9:28	0.3	11.8	20.9	67.0	44.8		0	0	-0.2	-0.2	-9.0
GIW-05	1/11/2017 9:36	0.0	1.4	22.4	76.2	44.5		5	5	-0.3	-0.3	-9.0
GIW-05	1/17/2017 10:29	0.2	7.2	21.7	70.9	48.4		0	0	-0.7	-0.7	-10.0
GIW-05	1/17/2017 10:30	0.1	2.8	22.3	74.8	48.3		0	0	-0.8	-0.7	-9.6
GIW-05	1/27/2017 14:04	0.0	13.5	19.3	67.2	31.8	31.8	0	0	-0.6	-0.5	-9.4
GIW-05	1/27/2017 14:05	0.0	3.9	20.9	75.2	31.6	31.6	0	0	-0.7	-0.5	-9.3
GIW-06	1/6/2017 8:37	2.3	38.9	2.0	56.8	7.9		4	4	-7.6	-7.6	-9.3
GIW-06	1/11/2017 8:34	3.9	41.4	0.4	54.3	43.0		5	5	-8.0	-7.9	-10.3
GIW-06	1/11/2017 8:41	3.6	38.2	0.5	57.7	43.1		2	2	-10.2	-10.2	-10.2
GIW-06	1/17/2017 10:12	28.9	47.1	0.1	23.9	49.4		9	8	-10.3	-10.4	-10.6
GIW-06	1/26/2017 14:54	28.1	47.8	0.1	24.0	36.4	36.4	0	5	-9.9	-9.8	-10.3
GIW-07	1/6/2017 8:41	37.6	57.3	0.5	4.6	8.5		5	3	-1.4	-1.4	-9.3
GIW-07	1/11/2017 8:45	37.0	47.2	0.9	14.9	44.4		4	4	-1.6	-1.6	-10.0
GIW-07	1/11/2017 8:51	38.2	46.5	0.9	14.4	44.9		3	5	-1.8	-1.8	-9.6
GIW-07	1/17/2017 10:15	33.6	48.7	1.1	16.6	49.6		8	8	-2.1	-2.1	-10.3
GIW-07	1/26/2017 14:59	31.2	46.4	2.5	19.9	35.0	35.0	8	6	-3.1	-3.1	-10.7
GIW-08	1/6/2017 8:44	38.8	51.5	0.0	9.7	11.5		4	4	-4.1	-4.1	-9.3
GIW-08	1/11/2017 8:55	29.2	40.6	3.3	26.9	46.0		4	2	-4.0	-4.0	-10.2
GIW-08	1/11/2017 9:02	35.0	44.5	0.0	20.5	46.2		2	3	-4.0	-3.9	-9.3
GIW-08	1/17/2017 10:18	41.1	48.5	0.0	10.4	51.5		8	9	-4.2	-4.2	-10.2
GIW-08	1/26/2017 15:05	41.1	50.9	0.0	8.0	36.4	36.3	6	4	-4.3	-4.3	-10.3
GIW-09	1/6/2017 8:51	28.2	42.2	3.0	26.6	13.4		1	4	-0.2	-0.2	-9.3
GIW-09	1/11/2017 9:16	21.5	30.0	5.4	43.1	46.9		3	2	-0.1	-0.1	-10.0
GIW-09	1/11/2017 9:22	24.4	34.6	3.9	37.1	46.1		3	4	-0.1	-0.1	-10.7
GIW-09	1/17/2017 10:24	24.9	39.8	3.4	31.9	48.9		8	9	-0.1	-0.1	-10.3
GIW-09	1/26/2017 15:11	12.4	30.0	7.1	50.5	35.0	35.1	6	5	-0.2	-0.2	-10.4
GIW-09	1/26/2017 15:13	13.1	26.3	7.2	53.4	35.3	35.3	5	5	-0.2	-0.2	-10.4
GIW-10	1/6/2017 8:54	13.1	61.9	0.0	25.0	13.4		2	3	-1.9	-1.9	-9.1
GIW-10	1/11/2017 9:40	7.4	47.6	1.5	43.5	45.7		4	4	-0.8	-0.8	-11.7
GIW-10	1/11/2017 9:46	8.0	50.8	0.1	41.1	45.8		3	3	-0.7	-0.7	-10.7
GIW-10	1/17/2017 10:34	8.9	49.3	0.1	41.7	48.9		7	8	-1.7	-1.7	-10.2
GIW-10	1/27/2017 14:10	11.2	51.4	0.0	37.4	33.8	33.8	5	5	-1.7	-1.7	-9.8
GIW-11	1/7/2017 16:23	2.2	63.3	0.0	34.5	31.3		3	1	-0.7	-0.7	-19.4
GIW-11	1/11/2017 13:33	1.8	61.6	0.0	36.6	73.2		6	8	0.2	0.2	-18.1
GIW-11	1/11/2017 13:46	2.1	60.2	0.0	37.7	73.1		9	9	-0.8	-0.8	-18.6
GIW-11	1/17/2017 11:18	6.7	59.3	0.1	33.9	50.6		9	9	-1.6	-1.6	-20.2
GIW-11	1/27/2017 14:13	9.5	52.4	0.2	37.9	35.0	35.1	3	3	-1.7	-1.6	-18.9

January 2017 Wellfield Monitoring Data - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂	Balance Gas	Init Temp	Adj Temp	Init Flow	Adj Flow	Init Static Press	Adj Static Press	System Pressure
		(% vol)				°F		scfm		H ₂ O		
GIW-12	1/7/2017 16:20	2.1	54.7	0.8	42.4	33.3		2	0	-0.1	-0.1	-17.3
GIW-12	1/11/2017 13:19	3.4	59.0	0.6	37.0	73.4		5	7	0.1	0.1	-15.7
GIW-12	1/11/2017 13:28	3.6	59.4	0.0	37.0	74.1		6	7	0.0	0.0	-16.7
GIW-12	1/17/2017 11:10	10.3	49.0	6.3	34.4	49.9		9	9	-0.3	-0.3	-17.4
GIW-12	1/17/2017 11:12	10.9	41.8	6.6	40.7	49.9		9	9	-0.3	-0.2	-18.0
GIW-12	1/27/2017 14:17	10.0	38.9	7.0	44.1	35.3	35.3	18	20	-0.5	-0.6	-17.2
GIW-12	1/27/2017 14:18	10.2	38.0	7.0	44.8	35.9	35.9	12	14	-0.4	-0.4	-16.1
GIW-13	1/7/2017 16:17	13.8	61.7	0.0	24.5	37.2		NFD		-1.8	-1.8	-13.6
GIW-13	1/11/2017 13:09	11.8	57.2	0.0	31.0	71.4		6	5	-1.1	-1.1	-14.0
GIW-13	1/11/2017 13:15	11.6	62.1	0.0	26.3	71.4		6	7	-1.1	-1.1	-13.3
GIW-13	1/17/2017 11:08	14.0	61.1	0.0	24.9	49.6		7	8	-1.7	-1.7	-14.8
GIW-13	1/27/2017 14:22	13.2	65.3	0.0	21.5	36.0	36.0	4	3	-1.7	-1.7	-15.1
LCS-1D	1/20/2017 8:50	50.1	45.0	0.0	4.9	98.7		6	15	-17.8	-17.9	-19.7
LCS-1D	1/31/2017 15:54	53.9	46.1	0.0	0.0	64.9	64.7	3	0	-18.1	-18.1	-18.9
LCS-5A	1/5/2017 10:17	51.9	27.1	0.6	20.4	85.9	84.4	NFD		-12.2	-12.2	-12.0
LCS-5A	1/9/2017 9:32	56.7	39.0	0.0	4.3	80.4		NFD		-15.5	-15.7	-15.1
LCS-5A	1/16/2017 13:37	53.6	38.2	0.0	8.2	75.5		NFD		-13.5	-13.5	-13.7
LCS-5A	1/24/2017 14:29	57.0	38.7	0.0	4.3	80.7		NFD		-13.8	-13.8	-13.4
LCS-6B	1/5/2017 14:34	54.2	39.5	0.1	6.2	30.2	30.2	0	0	-0.4	-0.4	-12.1
LCS-6B	1/9/2017 16:04	52.6	38.9	0.0	8.5	51.2		0	0	-0.4	-0.3	-14.7
LCS-6B	1/16/2017 15:34	55.6	38.6	0.0	5.8	62.1		0	0	0.1	0.1	-13.7
LCS-6B	1/16/2017 15:35	54.5	39.3	0.1	6.1	64.1		9	10	-2.1	-2.2	-13.7
LCS-6B	1/24/2017 15:45	53.4	39.2	0.0	7.4	82.8		0	0	-1.7	-1.7	-13.8
PGW-60	1/5/2017 12:19	57.8	23.5	2.4	16.3	27.6	27.6	18	21	-12.2	-12.2	-12.0
PGW-60	1/9/2017 14:55	61.6	31.0	0.5	6.9	44.5		9	13	-14.3	-14.6	-14.3
PGW-60	1/16/2017 15:05	48.8	25.6	5.5	20.1	54.3		9	0	-13.8	-13.9	-13.9
PGW-60	1/16/2017 15:07	47.4	28.5	5.6	18.5	54.3		9	9	-13.7	-13.7	-14.1
PGW-60	1/24/2017 15:23	58.3	22.9	3.0	15.8	55.0		6	9	-13.8	-13.8	-13.8
SEW-002	1/20/2017 11:25	3.4	62.1	0.0	34.5	57.4		6	12	1.2	1.3	-13.8
T-56	1/5/2017 15:02	38.8	33.3	1.1	26.8	44.1	44.3	0	22	-0.2	-0.1	-11.6
T-56	1/10/2017 13:15	53.6	36.1	0.2	10.1	48.5		23	20	-0.1	-0.1	-13.2
T-56	1/16/2017 16:00	56.1	35.7	0.0	8.2	45.9		27	27	-0.1	-0.1	-12.8
T-56	1/24/2017 17:02	51.6	34.5	0.0	13.9	49.0		20	19	-0.2	-0.1	-14.1

Notes: NFD = No flow device installed
 NR = Flow information was not recorded due to data collection error

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	October 2016	November 2016	December 2016	January 2017		
GEW-001	--	--	--	--		
GEW-002	123.1	121.2	124.7	121.8		
GEW-003	117.9	116.6	116	113.3		
GEW-004	122.3	121.5	116.6	113.7		
GEW-005	96.1	94.1	91.9	91.1		
GEW-006	90.5	89.4	88.8	90.4		
GEW-007	97.9	94.6	89.7	88.7		
GEW-008	114.5	114	110.7	109.9		
GEW-009	125.5	125	122.6	123.2		
GEW-010	88.2	100.6	63.6	52.1		
GEW-011	--	--	--	--		
GEW-013A	180.3	191.6	118	182.4		
GEW-014A	--	--	--	--		
GEW-015	--	--	181.7	178.6		
GEW-016R	--	191.2	188.3	187.6		
GEW-018B	--	196.7	190.2	177.1		
GEW-018R	--	--	--	--		
GEW-019A	--	--	--	--		
GEW-020A	--	--	--	--		
GEW-021A	--	--	--	--		
GEW-022R	63	67.9	--	113.5		
GEW-023A	--	--	--	--		
GEW-024A	--	--	--	--		
GEW-025A	--	--	--	--		
GEW-026R	--	--	--	--		
GEW-027A	--	--	--	--		
GEW-028R	70.9	--	--	--		
GEW-029	--	--	--	--		
GEW-030R	--	--	--	--		
GEW-033R	--	--	--	--		
GEW-034	--	--	--	--		
GEW-034A	--	--	--	--		
GEW-035	--	--	--	--		
GEW-036	--	--	--	--		
GEW-037	--	--	--	--		
GEW-038	86.8	86.3	58.5	48.6		
GEW-039	124.6	121.6	105.2	103.2		
GEW-040	93.6	91.7	79.6	82.5		
GEW-041R	104.5	100.8	87.3	98.9		
GEW-042R	103.8	106.5	82.1	94.2		
GEW-043R	129.4	128.9	118.1	128.1		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	October 2016	November 2016	December 2016	January 2017		
GEW-044	92.7	84.5	78	76.9		
GEW-045R	89.8	92.7	75.2	59.3		
GEW-046R	101.6	98.4	94	100.4		
GEW-047R	113.2	110.5	114	110		
GEW-048	104.7	104.3	100.8	100.8		
GEW-049	114.3	111.2	105.1	107.2		
GEW-050	108.2	108.5	106.7	105.9		
GEW-051	126.9	126.1	128.6	124		
GEW-052	113.7	113.7	110.7	112.1		
GEW-053	142.9	141.8	133.8	132.7		
GEW-054	144.9	144.9	148	145.5		
GEW-055	129.4	127.5	124.5	121.5		
GEW-056R	126.6	126.9	101.8	92.5		
GEW-057B	73	82.1	39.6	53.7		
GEW-057R	119.6	105	40	63.3		
GEW-058	130.2	175.9	65.4	78.9		
GEW-058A	107	145.6	94.6	104.2		
GEW-059R	186.4	185.7	173.1	174.1		
GEW-061B	--	--	--	--		
GEW-064A	--	--	--	51.3		
GEW-065A	--	--	--	--		
GEW-066	--	--	--	--		
GEW-067A	161.6	171.6	--	73.4		
GEW-068A	--	--	--	--		
GEW-069R	--	--	--	--		
GEW-070R	--	--	--	--		
GEW-071	--	--	--	--		
GEW-071B	--	--	--	--		
GEW-072RR	--	--	--	--		
GEW-073R	--	--	--	--		
GEW-075	--	--	--	--		
GEW-076R	--	--	--	--		
GEW-077	176.4	156.5	83.4	79.8		
GEW-078R	185.1	183.9	178.6	172.6		
GEW-080	67	--	--	--		
GEW-081	67.1	194.3	193	188.9		
GEW-082R	96.7	182.4	187.7	186.4		
GEW-083	--	--	--	--		
GEW-084	--	--	--	--		
GEW-085	--	--	--	--		
GEW-086	90.1	91.2	71.4	54.7		


Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	October 2016	November 2016	December 2016	January 2017		
GEW-087	--	196.4	191.2	195		
GEW-088	194.6	122.6	110.6	61		
GEW-089	59.4	--	--	--		
GEW-090	181.5	174.7	154.5	160.1		
GEW-091	--	196.4	193.2	192.1		
GEW-100	--	--	--	--		
GEW-101	93.9	93.2	69.1	71.4		
GEW-102	194.3	196.4	192.9	141.8		
GEW-103	--	--	--	--		
GEW-104	72.1	85.4	--	--		
GEW-105	180.4	197.9	141.8	177.5		
GEW-106	--	100.6	88	83.8		
GEW-107	--	81.7	46.9	59.4		
GEW-108	130.6	79.4	44.5	102.3		
GEW-109	123.7	121.8	78.5	78.8		
GEW-110	115.8	89.3	74.6	59.4		
GEW-112	--	--	--	--		
GEW-113	173.6	171	155.2	175.3		
GEW-116	--	--	--	94.1		
GEW-117	73.6	82.8	42.7	57.9		
GEW-118	195	193.7	173.6	195.7		
GEW-120	149.7	78.9	45.2	48.2		
GEW-121	180.4	177.2	174.2	171		
GEW-122	188.3	183.3	177.5	179.7		
GEW-123	150.9	176.2	56.5	45.5		
GEW-124	95	--	35.5	47		
GEW-125	190.8	192.3	191.6	182.7		
GEW-126	178.2	103.2	164.7	134.7		
GEW-127	188.9	187.1	179.2	178.6		
GEW-128	176.6	172.6	174.2	172.3		
GEW-129	180.1	174.2	170.6	47.5		
GEW-130	177.4	176.4	190.2	195		
GEW-131	98.5	71.6	55.9	180.3		
GEW-132	166.4	166.4	158.3	174.6		
GEW-133	93.2	72.9	46	44.6		
GEW-134	135.6	121.8	120.5	148.7		
GEW-135	173.3	161.5	47.3	49		
GEW-136	127.6	115.8	104.5	100.6		
GEW-137	96.6	75	55.2	50.3		
GEW-138	164.1	155.4	149.8	47.9		
GEW-139	177.5	151.3	164.3	149.7		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	October 2016	November 2016	December 2016	January 2017		
GEW-140	88.8	146.3	135.3	101.3		
GEW-141	189.6	155.7	176	35		
GEW-142	153.3	55.5	36.8	37.2		
GEW-143	80.3	65.7	48.5	34.6		
GEW-144	91.5	81.2	62.1	38.5		
GEW-145	82.8	160.2	149.9	32.5		
GEW-146	100.6	90.1	73.6	69.3		
GEW-147	185.3	189.6	169.5	178.1		
GEW-148	97.8	75.3	52.1	36.8		
GEW-149	170	165.5	153.7	152.5		
GEW-150	184.7	183.3	171	155.7		
GEW-151	141.2	76.2	52.4	35.5		
GEW-152	179.2	180.3	45.6	77.7		
GEW-153	142.2	137.7	60	124		
GEW-154	120.2	62.2	43	51.8		
GEW-155	140.9	126.4	116.4	45		
GEW-156	127.5	101	87	76.4		
GEW-157	120.7	70.4	47.3	38.3		
GEW-158	199.3	183.3	39.8	76.5		
GEW-159	81.9	62.3	49.1	74.9		
GEW-160	185.7	169	49.6	40.6		
GEW-161	110.4	63.8	44.6	39.5		
GEW-162	175.8	165	112.7	44.6		
GEW-163	197.4	192.9	187	187.3		
GEW-164	152.5	170.2	163.3	171.2		
GEW-165	194.4	195.1	195	194.4		
GEW-166	197.2	196.8	170	179.3		
GEW-167	191.9	189.6	180.3	176.7		
GEW-168	183	177.9	177.5	179.8		
GEW-169	179.8	191.6	185	193.6		
GEW-170	164.6	188.9	165.5	176.4		
GEW-171	193.6	142.2	129.9	--		
GEW-172	89.2	70.6	52.1	195.6		
GEW-173	120.7	123.4	98.3	101.5		
GEW-174	171.6	171.6	159.4	178.7		
GEW-175	142.8	138.3	143.2	137.1		
GEW-176	161	141.2	123.7	117.8		
GEW-177	184.5	65.8	54.7	45.9		
GEW-1A	94.3	86.3	49.1	55.5		
GEW-2S	94.8	90.8	48.2	55.2		
GIW-01	185.7	183.9	174.7	179.3		

Wellfield Temperature - Bridgeton Landfill

Well Name	Maximum Initial Temperature From All Monthly Wellhead Readings (in °F)				Temp Trend ><30°F	Comments
	October 2016	November 2016	December 2016	January 2017		
GIW-02	90.6	75	59.1	55.2		
GIW-03	93.3	82.2	61.1	57.7		
GIW-04	90.5	80.3	63.4	61.8		
GIW-05	87.7	76.4	57.5	48.4		
GIW-06	84.4	83	58.7	49.4		
GIW-07	87.4	75	59	49.6		
GIW-08	88	76.8	59.2	51.5		
GIW-09	99	80.3	60.2	48.9		
GIW-10	86.8	79.8	59	48.9		
GIW-11	87.7	83.4	59.6	73.2		
GIW-12	87.8	84.1	60.8	74.1		
GIW-13	87.6	80	61.4	71.4		
LCS-1D	87.9	107.5	49.9	98.7		
LCS-2D	--	--	--	--		
LCS-3C	68.1	--	--	--		
LCS-4B	--	--	--	--		
LCS-5A	94.9	94.4	89.8	85.9		
LCS-6B	98.9	96.2	94.1	82.8		
PGW-60	94.1	81.9	50.1	55		
SEW-002	64	81	49.4	57.4		
SEW-012A	--	--	--	--		
SEW-017R	--	--	--	--		
SEW-031R	--	--	--	--		
SEW-032R	--	--	--	--		
SEW-060R	--	--	--	--		
SEW-061R	--	--	--	--		
SEW-062R	--	--	--	--		
SEW-063	--	--	--	--		
SEW-064	--	--	--	--		
SEW-067	--	--	--	--		
SEW-072R	--	--	--	--		
SEW-074	--	--	--	--		
SEW-079R	--	--	--	--		
T-56	76.4	71.6	52.7	49		

-- = Indicates no data available.

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		North Quarry					(ppm)	
		(%)						
GEW-01A	9/12/2016	2.9	2.3	21	74	ND	43	See Note 4
GEW-002	9/7/2016	55	40	ND	4.1	ND	ND	
GEW-002	10/6/2016	54	41	ND	3.9	ND	ND	
GEW-002	11/7/2016	55	41	ND	3.2	ND	ND	
GEW-002	12/7/2016	51	42	1.7	5.8	ND	ND	See Note 3
GEW-002	1/9/2017	54	40	ND	5.6	ND	ND	
GEW-02S	9/12/2016	49	33	4	14	ND	ND	See Note 3
GEW-02S	11/7/2016	55	42	ND	ND	ND	ND	
GEW-02S	1/9/2017	50	34	3.5	12	ND	ND	See Note 3
GEW-003	9/7/2016	53	40	ND	5.8	0.1	ND	
GEW-003	10/6/2016	54	40	ND	4.4	0.1	ND	
GEW-003	11/7/2016	50	38	ND	10	0.1	ND	
GEW-003	12/7/2016	54	40	ND	5.7	0.1	ND	
GEW-003	1/9/2017	49	37	ND	12	0.1	ND	
GEW-004	9/7/2016	54	41	ND	4.3	0.1	ND	
GEW-004	10/6/2016	55	41	ND	ND	0.1	ND	
GEW-004	11/7/2016	51	40	ND	7.9	0.1	ND	
GEW-004	12/7/2016	51	38	ND	9.7	0.1	ND	
GEW-004	1/9/2017	54	41	ND	4.5	0.1	ND	
GEW-005	9/8/2016	51	36	ND	12	ND	ND	
GEW-005	10/6/2016	51	37	ND	11	ND	ND	
GEW-005	11/7/2016	47	37	ND	15	0.04	ND	
GEW-005	12/7/2016	48	36	ND	15	ND	ND	
GEW-005	1/10/2017	50	37	ND	11	0.1	ND	
GEW-006	9/8/2016	56	39	ND	4.5	ND	ND	
GEW-006	11/7/2016	45	35	2.3	18	ND	ND	See Note 3
GEW-006	1/10/2017	52	37	ND	11	ND	ND	
GEW-007	9/12/2016	54	38	1.8	6.2	ND	ND	See Note 3
GEW-007	11/7/2016	56	40	ND	ND	ND	ND	
GEW-007	1/10/2017	56	40	ND	ND	ND	ND	
GEW-008	9/12/2016	49	42	1.8	6.1	1.1	ND	See Note 3
GEW-008	10/6/2016	53	44	ND	ND	0.9	ND	
GEW-008	11/7/2016	53	43	ND	ND	1.1	ND	
GEW-008	12/7/2016	53	42	ND	3	0.8	ND	
GEW-008	1/10/2017	50	41	1.9	6.8	0.4	ND	See Note 3
GEW-009	9/12/2016	51	41	ND	6.4	0.5	ND	
GEW-009	10/6/2016	50	42	ND	7.1	0.5	ND	
GEW-009	11/7/2016	48	41	ND	8.6	0.6	ND	
GEW-009	12/7/2016	47	39	ND	12	0.5	ND	
GEW-009	1/10/2017	44	37	ND	17	0.5	ND	
GEW-040	9/7/2016	57	40	ND	ND	ND	ND	
GEW-040	10/6/2016	57	40	ND	ND	ND	ND	
GEW-040	11/7/2016	57	40	ND	ND	ND	ND	
GEW-040	12/7/2016	56	39	ND	4	ND	ND	
GEW-040	1/9/2017	58	40	ND	ND	ND	ND	
GEW-041R	9/7/2016	53	37	2.1	8.1	ND	ND	See Note 3
GEW-041R	11/7/2016	52	37	1.6	9.7	ND	ND	See Note 4
GEW-041R	1/9/2017	56	40	ND	3	ND	ND	
GEW-042R	9/7/2016	55	42	ND	ND	ND	ND	
GEW-042R	10/6/2016	54	42	ND	3.3	ND	ND	
GEW-042R	11/7/2016	50	38	2.7	9.6	ND	ND	See Note 3
GEW-042R	12/7/2016	55	39	ND	5.1	ND	ND	
GEW-042R	1/9/2017	57	39	ND	3	ND	ND	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-043R	9/7/2016	54	42	ND	3.5	0.2	ND	
GEW-043R	11/7/2016	53	42	ND	4.7	0.2	ND	
GEW-043R	1/9/2017	55	42	ND	ND	0.1	ND	
GEW-044	9/7/2016	57	40	ND	ND	ND	ND	
GEW-044	11/7/2016	55	39	ND	5	ND	ND	
GEW-044	1/9/2017	56	41	ND	ND	ND	ND	
GEW-045R	9/7/2016	55	43	ND	ND	ND	ND	
GEW-045R	10/6/2016	56	37	ND	5.1	ND	ND	
GEW-045R	11/7/2016	55	42	ND	ND	ND	ND	
GEW-045R	12/7/2016	42	31	6	21	ND	ND	See Note 3
GEW-045R	1/9/2017	57	37	ND	5.6	ND	ND	
GEW-046R	9/7/2016	55	41	ND	3.1	0.1	ND	
GEW-046R	10/6/2016	53	39	ND	6.2	0.1	ND	
GEW-046R	11/7/2016	55	41	ND	ND	0.1	ND	
GEW-046R	12/7/2016	53	39	1.7	6.3	0.1	ND	See Note 3
GEW-046R	1/9/2017	54	41	ND	4.5	0.1	ND	
GEW-047R	9/8/2016	50	39	ND	10	0.1	ND	
GEW-047R	10/6/2016	46	38	ND	15	ND	ND	
GEW-047R	11/7/2016	48	38	ND	12	ND	ND	
GEW-047R	12/7/2016	48	39	ND	12	ND	ND	
GEW-047R	1/9/2017	54	41	ND	4.4	0.1	ND	
GEW-048	9/8/2016	12	8.1	18	63	ND	ND	See Note 1 and 3
GEW-048	10/6/2016	53	38	ND	7.7	ND	ND	
GEW-048	11/7/2016	53	40	ND	6.2	0.04	ND	
GEW-048	12/7/2016	53	39	ND	7.5	ND	ND	
GEW-048	1/10/2017	55	39	ND	5	ND	ND	
GEW-049	9/8/2016	52	38	ND	9.1	ND	ND	
GEW-049	10/6/2016	36	32	2.2	29	ND	ND	See Note 3
GEW-049	11/7/2016	51	38	ND	9.9	0.1	ND	
GEW-049	12/7/2016	45	35	ND	18	0.03	ND	
GEW-049	1/9/2017	54	39	ND	6.2	0.1	ND	
GEW-050	9/12/2016	56	39	ND	3.4	0.1	ND	
GEW-050	11/7/2016	53	39	ND	6.6	0.1	ND	
GEW-050	1/10/2017	51	37	ND	12	0.04	ND	
GEW-051	9/8/2016	54	41	ND	ND	1	ND	
GEW-051	11/7/2016	53	40	ND	4.6	1.2	ND	
GEW-051	1/9/2017	55	42	ND	ND	1.5	ND	
GEW-052	9/12/2016	54	40	ND	4.5	0.03	ND	
GEW-052	11/7/2016	52	40	ND	7.4	0.1	ND	
GEW-052	1/10/2017	52	38	ND	9.1	ND	ND	
GEW-053	9/8/2016	49	43	ND	ND	4.6	61	
GEW-053	10/6/2016	50	42	ND	3.9	3	49	
GEW-053	11/7/2016	49	40	ND	5.9	4.2	59	
GEW-053	12/7/2016	48	39	ND	9.9	2.1	34	
GEW-053	1/9/2017	40	34	3.4	2.1	1.8	ND	See Note 3
GEW-054	9/12/2016	50	40	ND	5.6	2.2	ND	
GEW-054	10/6/2016	51	41	ND	5.2	2.2	ND	
GEW-054	11/7/2016	46	38	2.8	12	2	ND	See Note 3
GEW-054	12/7/2016	50	40	ND	6.9	1.8	43	
GEW-054	1/9/2017	55	41	ND	ND	1.2	ND	
GEW-055	9/12/2016	53	42	ND	ND	1.6	ND	
GEW-055	10/6/2016	52	41	ND	4.1	1.6	ND	
GEW-055	11/7/2016	51	42	ND	3.8	2	ND	
GEW-055	12/7/2016	50	40	1.6	5.7	2.2	33	See Note 3
GEW-055	1/9/2017	47	37	3	11	1.5	ND	See Note 3

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
Flare Station ²	9/7/2016	49.2	37.6	2	10.3	ND	ND	See Note 5
Flare Station	10/4/2016	46.1	35.8	2.3	14.9	ND	ND	See Note 5
Flare Station ²	11/1/2016	40.4	31.3	5	22.6	ND	ND	See Note 5
Flare Station ²	12/6/2016	46.0	36.1	1.9	14.9	ND	ND	See Note 5
Flare Station ²	1/4/2017	40.7	34.1	2.1	22	ND	ND	See Note 5
Flare Station ²	2/7/2017	47.1	36.5	0.9	13.8	ND	ND	See Note 5

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry.

ND = Analyte not detected in sample.

² = Flare Station measured at EPA Method 2 flow port (blower outlet)

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)					(ppm)	
South Quarry								
GEW-010	9/6/2016	56	41	ND	ND	0.2	ND	
GEW-010	10/4/2016	14	10	17	60	ND	ND	See Note 3
GEW-010	11/9/2016	43	48	ND	7.3	0.1	ND	
GEW-010	12/9/2016	42	49	1.7	7.7	0.1	ND	See Note 4
GEW-010	1/11/2017	51	46	ND	ND	0.1	ND	
GEW-022R	9/14/2016	0.02	0.1	22	78	ND	ND	See Note 3
GEW-022R	11/11/2016	1.2	66	ND	ND	30	3,300	
GEW-038	9/6/2016	0.8	58	2.1	7.4	30	2,800	See Note 4
GEW-038	10/4/2016	8.9	58	ND	5.3	25	2,100	
GEW-038	11/9/2016	8.1	40	6.3	23	22	1,000	See Note 4
GEW-038	12/9/2016	8.8	45	4.4	18	23	1,100	See Note 4
GEW-038	1/11/2017	7.2	42	6.3	22	22	1,500	See Note 4
GEW-039	9/6/2016	43	55	ND	ND	0.2	ND	
GEW-039	10/4/2016	44	54	ND	ND	0.2	ND	
GEW-039	11/8/2016	44	53	ND	ND	0.1	ND	
GEW-039	12/8/2016	11	12	17	60	ND	ND	See Note 3
GEW-039	1/11/2017	45	53	ND	ND	0.1	ND	
GEW-056R	9/6/2016	20	47	ND	22	10	430	
GEW-056R	10/4/2016	13	54	ND	ND	30	1,200	
GEW-056R	11/9/2016	10	51	ND	7.2	30	1,200	
GEW-056R	12/9/2016	13	49	ND	12	25	990	
GEW-056R	1/11/2017	13	57	ND	ND	27	1,000	
GEW-057R	1/12/2017	8.6	39	4.6	29	19	840	See Note 4
GEW-058	11/11/2016	0.4	39	6.2	22	32	1,700	See Note 4
GEW-058	1/12/2017	8.5	32	6.8	38	14	610	See Note 4
GEW-058A	9/14/2016	22	45	1.9	6.7	23	1,400	See Note 3
GEW-058A	11/11/2016	24	37	4.7	18	16	880	See Note 4
GEW-059R	9/14/2016	4.2	45	3.1	11	36	1,400	See Note 4
GEW-059R	11/10/2016	5.5	43	2.8	9.7	38	1,300	See Note 4
GEW-059R	1/12/2017	4.1	49	ND	ND	44	1,800	
GEW-082R	9/14/2016	4.7	50	ND	5.6	37	1,700	
GEW-082R	11/11/2016	4.9	53	ND	ND	39	1,700	
GEW-082R	1/12/2017	3.2	50	ND	ND	43	1,900	
GEW-086	11/11/2016	10	28	7.3	53	2	160	See Note 4
GEW-090	9/14/2016	14	46	ND	5.6	31	1,500	
GEW-090	11/11/2016	11	45	ND	4.3	38	1,700	
GEW-090	1/12/2017	11	46	ND	ND	40	1,800	
GEW-102	9/13/2016	5	59	ND	ND	30	980	
GEW-102	11/10/2016	3.9	55	ND	3.9	35	760	
GEW-102	1/12/2017	2	53	ND	3	40	830	
GEW-107	1/12/2017	24	47	2	7	20	1,200	See Note 4
GEW-109	9/6/2016	20	52	ND	9.7	16	610	
GEW-109	10/4/2016	21	52	ND	9.7	16	640	
GEW-109	11/8/2016	20	48	ND	14	17	720	
GEW-109	12/8/2016	13	28	9.6	38	12	420	See Note 3
GEW-109	1/11/2017	21	51	ND	6.5	20	790	
GEW-110	9/6/2016	1.1	4.9	20	73	1.5	120	See Note 4
GEW-110	10/4/2016	6	28	9	46	11	600	See Note 4
GEW-110	11/9/2016	1.9	31	9.3	38	20	1,100	See Note 4
GEW-110	12/9/2016	2.5	24	11	46	16	870	See Note 4
GEW-110	1/11/2017	13	48	ND	13	25	1,300	
GEW-116	1/12/2017	1.8	59	ND	4.8	33	2,100	
GEW-117	9/14/2016	16	55	1.9	20	5.9	290	See Note 3
GEW-117	11/11/2016	7.3	63	ND	4.5	23	1,800	
GEW-117	1/12/2017	7.4	61	1.7	5.9	23	1,900	See Note 4
GEW-118	9/14/2016	1.8	51	3	13	30	1,400	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-118	11/11/2016	2	47	3.7	18	29	1,200	See Note 4
GEW-118	1/12/2017	1.3	53	2.1	7.6	35	1,500	See Note 3
GEW-120	9/13/2016	15	52	3	24	5.6	280	See Note 3
GEW-120	11/10/2016	22	52	4.1	16	5.2	250	See Note 3
GEW-121	9/13/2016	8.2	52	2.4	11	25	1,600	See Note 3
GEW-121	11/11/2016	8.7	58	ND	5	27	1,600	
GEW-121	1/11/2017	9.2	56	ND	6.3	27	1,500	
GEW-122	9/13/2016	16	53	ND	ND	27	2,000	
GEW-122	1/11/2017	18	50	ND	5.7	25	1,400	
GEW-123	9/13/2016	21	58	2.7	9.8	7.5	770	See Note 3
GEW-123	11/11/2016	8.9	56	2.5	11	21	1,800	See Note 4
GEW-124	9/13/2016	9	60	ND	5.4	22	2,100	
GEW-124	1/11/2017	35	49	2.9	10	2.4	280	See Note 4
GEW-125	9/13/2016	0.9	59	ND	ND	35	2,700	
GEW-125	11/11/2016	2.9	44	3.5	18	31	2,200	See Note 3
GEW-125	1/11/2017	2.4	55	ND	ND	38	2,600	
GEW-126	9/13/2016	12	48	2.7	11	24	2,500	See Note 3
GEW-126	11/11/2016	22	53	ND	4.4	19	1,800	
GEW-126	1/11/2017	24	52	ND	5.4	18	1,600	
GEW-127	9/13/2016	3.9	67	ND	ND	24	3,400	
GEW-127	11/11/2016	3.3	65	ND	4.2	26	3,300	
GEW-127	1/11/2017	2.9	46	7	25	18	2,200	See Note 4
GEW-128	9/12/2016	5	47	7	25	16	1,800	See Note 4
GEW-128	11/11/2016	5.6	64	ND	3.3	26	2,800	
GEW-128	1/12/2017	6.4	64	ND	ND	26	2,900	
GEW-129	9/12/2016	1.6	63	ND	ND	30	3,000	
GEW-129	11/11/2016	1.9	66	2.2	7.7	22	3,000	See Note 3
GEW-129	1/12/2017	1.4	69	1.7	5.9	22	3,300	See Note 4
GEW-130	9/13/2016	6.3	52	4.4	17	18	2,400	See Note 4
GEW-130	11/11/2016	3.4	43	5.9	23	23	2,400	See Note 4
GEW-130	1/11/2017	0.4	55	ND	ND	41	3,600	
GEW-131	9/14/2016	0.3	52	ND	ND	43	3,200	
GEW-131	11/11/2016	5.4	47	ND	ND	45	2,700	
GEW-131	1/11/2017	0.8	61	ND	ND	36	2,000	
GEW-132	11/10/2016	11	46	1.7	24	16	920	See Note 4
GEW-132	1/9/2017	4.8	53	ND	ND	39	2,000	
GEW-133	9/13/2016	3	57	2.7	9.5	27	2,000	See Note 3
GEW-133	1/9/2017	0.6	18	15	53	14	1,000	See Note 3
GEW-134	9/13/2016	7.4	38	4.9	47	2.2	340	See Note 3
GEW-134	11/10/2016	7.1	32	6.6	51	2.8	300	See Note 4
GEW-134	1/9/2017	18	52	ND	ND	26	1,300	
GEW-135	9/13/2016	3.4	48	3.2	11	33	1,700	See Note 3
GEW-135	11/10/2016	5.1	41	5.1	31	18	900	See Note 4
GEW-135	1/9/2017	0.2	6.6	19	68	6.4	190	See Note 4
GEW-136	11/10/2016	3.7	22	12	54	8.9	380	See Note 4
GEW-136	1/9/2017	7.5	41	ND	39	11	410	
GEW-137	9/13/2016	38	41	ND	19	0.1	ND	
GEW-137	11/10/2016	0.5	59	ND	ND	38	2,700	
GEW-137	1/9/2017	0.6	57	ND	ND	39	2,600	
GEW-138	11/10/2016	3.7	26	6.8	53	10	680	See Note 4
GEW-139	9/13/2016	5.5	56	1.9	8.5	26	2,600	See Note 4
GEW-139	11/11/2016	3.8	44	4.3	17	30	2,400	See Note 4
GEW-139	1/12/2017	3	40	6	23	27	2,100	See Note 4
GEW-140	9/13/2016	0.3	56	ND	3.9	36	3,200	
GEW-140	11/11/2016	8.6	51	1.9	8.4	30	1,600	See Note 4
GEW-140	1/12/2017	5.7	37	7.9	30	19	1,100	See Note 4
GEW-141	9/13/2016	0.2	60	ND	ND	35	4,100	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-141	11/11/2016	0.3	48	4.3	15	31	3,400	See Note 4
GEW-141	1/12/2017	0.3	54	2.1	7.3	36	4,100	See Note 4
GEW-142	9/13/2016	0.03	2	21	76	0.5	98	See Note 3
GEW-142	1/12/2017	2.3	58	3.5	12	23	2,100	See Note 4
GEW-143	9/14/2016	0.01	1	22	77	0.4	65	See Note 3
GEW-144	9/14/2016	ND	0.04	22	78	ND	ND	See Note 3
GEW-144	1/12/2017	4.7	55	ND	4.7	33	1,600	
GEW-145	9/13/2016	1.6	53	2.1	7.4	33	2,100	See Note 4
GEW-145	11/10/2016	1	51	2.2	7.8	36	2,100	See Note 4
GEW-146	9/12/2016	6.4	27	6.1	58	2	120	See Note 4
GEW-146	1/9/2017	2.8	9	13	75	0.9	120	See Note 4
GEW-147	9/13/2016	11	48	2.9	10	27	1,400	See Note 3
GEW-147	11/11/2016	4.8	48	1.7	5.7	39	2,000	See Note 3
GEW-147	1/9/2017	12	50	ND	9.8	27	1,200	
GEW-148	1/9/2017	0.2	1.9	21	76	0.6	31	See Note 4
GEW-149	11/10/2016	11	52	2	17	17	1,000	See Note 4
GEW-149	1/9/2017	17	48	1.5	16	17	750	See Note 4
GEW-150	11/10/2016	1.9	55	3.3	12	27	1,800	See Note 3
GEW-150	1/11/2017	5.4	50	3.5	18	22	1,400	See Note 4
GEW-151	11/10/2016	2.5	54	1.6	5.8	35	1,600	See Note 4
GEW-151	1/9/2017	1.4	45	ND	ND	51	1,000	
GEW-152	9/14/2016	0.1	0.4	22	78	0.1	ND	See Note 3
GEW-152	11/9/2016	18	48	ND	3	29	1,800	
GEW-153	9/14/2016	20	30	6.5	34	8.5	280	See Note 3
GEW-153	11/9/2016	28	40	ND	20	11	360	
GEW-153	1/11/2017	31	43	2.4	8.4	14	530	See Note 4
GEW-154	1/9/2017	1.7	4.3	20	72	1.3	89	See Note 4
GEW-155	11/10/2016	0.5	58	ND	ND	38	2,800	
GEW-155	1/9/2017	5.4	52	ND	8.2	33	1,200	
GEW-157	9/14/2016	9.8	52	2.3	8.3	27	1,900	See Note 3
GEW-159	9/14/2016	22	50	ND	25	2	91	
GEW-159	11/8/2016	5.6	35	7.6	27	25	1,500	See Note 4
GEW-160	9/12/2016	4.1	56	ND	5.8	31	2,100	
GEW-160	11/10/2016	3.8	57	ND	ND	36	2,000	
GEW-160	1/9/2017	5.5	54	ND	ND	37	2,100	
GEW-161	9/12/2016	0.5	51	2.1	7.4	37	2,500	See Note 4
GEW-161	1/9/2017	2.8	54	ND	ND	40	2,200	
GEW-162	9/12/2016	7.1	61	1.9	6.9	22	1,600	See Note 3
GEW-162	11/10/2016	7	62	ND	ND	27	1,800	
GEW-163	11/11/2016	4.8	30	9.5	47	7.9	580	See Note 4
GEW-163	1/11/2017	1	16	16	59	7.8	490	See Note 4
GEW-164	9/13/2016	3.8	70	ND	5.3	18	2,400	
GEW-164	11/11/2016	8.7	69	ND	ND	18	1,900	
GEW-164	1/11/2017	5	25	13	49	7	540	See Note 4
GEW-165	9/13/2016	1.3	66	ND	3.4	26	3,200	
GEW-165	11/11/2016	1.7	63	ND	3.3	30	2,900	
GEW-165	1/11/2017	3.2	63	ND	ND	30	2,800	
GEW-166	9/13/2016	0.3	60	ND	ND	35	3,500	
GEW-166	11/11/2016	2.1	36	9.2	32	20	1,700	See Note 3
GEW-166	1/11/2017	5.6	32	8.2	36	18	1,400	See Note 4
GEW-167	9/14/2016	5	36	6.2	35	17	1,300	See Note 4
GEW-167	11/11/2016	1.4	58	ND	ND	38	2,600	
GEW-167	1/11/2017	3.6	39	5.1	23	29	1,900	See Note 4
GEW-168	9/13/2016	3.1	61	ND	3.8	29	2,900	
GEW-168	11/11/2016	0.6	57	ND	ND	39	3,400	
GEW-168	1/11/2017	4.2	59	ND	ND	32	2,600	
GEW-169	9/13/2016	5.5	61	2.1	7.7	22	2,900	See Note 4

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GEW-169	11/11/2016	1.8	40	8.1	29	20	2,100	See Note 4
GEW-169	1/11/2017	3.3	53	4.5	16	22	2,300	See Note 4
GEW-170	9/13/2016	7.5	59	2.6	11	18	2,600	See Note 4
GEW-170	11/11/2016	3.2	57	3.5	13	22	2,900	See Note 4
GEW-170	1/11/2017	4.2	50	5.8	22	17	2,400	See Note 4
GEW-171	9/13/2016	4.1	42	7.5	27	18	1,700	See Note 3
GEW-172	9/13/2016	5.3	55	ND	3.2	34	2,600	
GEW-172	1/12/2017	0.7	57	ND	ND	40	3,200	
GEW-173	1/12/2017	4.3	16	15	62	2.6	260	See Note 4
GEW-174	9/13/2016	5.5	34	5.5	42	12	910	See Note 4
GEW-174	11/10/2016	4.5	31	7.5	42	15	1,000	See Note 4
GEW-174	1/12/2017	4.6	39	4.9	29	21	1,500	See Note 4
GEW-175	9/14/2016	ND	0.1	22	78	ND	ND	See Note 3
GEW-175	11/10/2016	10	33	7.9	43	6.1	420	See Note 4
GEW-175	1/11/2017	18	52	3.2	16	11	610	See Note 4
GEW-176	9/14/2016	0.9	3.3	21	74	0.5	64	See Note 3
GEW-176	11/10/2016	11	49	4.1	20	16	970	See Note 4
GEW-176	1/11/2017	23	53	1.9	8.9	13	590	See Note 4
GEW-177	9/13/2016	1.2	63	ND	ND	31	3,900	
GEW-177	1/12/2017	0.2	55	3.8	13	27	4,300	See Note 4
GIW-01	9/6/2016	3.2	63	1.9	10	20	2,100	See Note 4
GIW-01	10/4/2016	2.4	70	ND	ND	24	2,300	
GIW-01	11/9/2016	3.1	69	ND	ND	24	2,100	
GIW-01	12/8/2016	3.5	51	5.8	21	18	1,400	See Note 3
GIW-01	1/11/2017	4.5	67	ND	3.8	23	2,100	
GIW-02	9/6/2016	3.9	29	12	50	4.4	280	See Note 4
GIW-02	10/4/2016	4.2	34	11	41	9.4	550	See Note 4
GIW-02	11/9/2016	2.7	64	ND	5.6	26	1,900	
GIW-02	12/8/2016	3.1	65	1.7	5.6	24	1,700	See Note 3
GIW-02	1/11/2017	12	67	ND	ND	19	970	
GIW-03	9/6/2016	1	49	6.2	22	21	1,900	See Note 4
GIW-03	10/4/2016	0.7	62	2	7	26	2,200	See Note 4
GIW-03	11/9/2016	0.7	64	ND	5	27	2,200	
GIW-03	12/8/2016	1	53	5.1	18	22	1,600	See Note 4
GIW-03	1/11/2017	1	66	ND	ND	29	2,000	
GIW-04	9/6/2016	0.7	56	2	6.9	34	2,400	See Note 4
GIW-04	10/4/2016	0.9	43	5.8	21	28	1,900	See Note 3
GIW-04	11/9/2016	1.1	51	2.4	8.2	37	2,200	See Note 4
GIW-04	12/8/2016	0.8	42	5	18	34	2,000	See Note 3
GIW-04	1/11/2017	1.1	53	ND	ND	43	2,400	
GIW-05	9/12/2016	1.9	60	ND	ND	34	1,400	
GIW-05	10/4/2016	ND	0.1	22	78	ND	ND	See Note 4
GIW-05	11/9/2016	0.01	1	22	77	ND	ND	See Note 4
GIW-05	12/8/2016	0.03	0.5	22	77	ND	ND	See Note 4
GIW-05	1/11/2017	0.2	1.6	22	77	ND	ND	See Note 4
GIW-06	9/6/2016	4.1	52	ND	19	23	740	
GIW-06	10/4/2016	0.1	0.9	22	77	0.3	ND	See Note 1 and 3
GIW-06	11/8/2016	17	54	ND	6.3	20	700	
GIW-06	12/9/2016	26	48	ND	4.1	20	550	
GIW-06	1/11/2017	3.1	36	ND	37	21	1,200	
GIW-07	9/6/2016	1.4	15	18	64	2.4	190	See Note 4
GIW-07	10/4/2016	11	65	2.8	10	10	640	See Note 4
GIW-07	11/8/2016	12	58	2.1	7.3	20	1,000	See Note 4
GIW-07	12/9/2016	26	50	1.7	6.1	16	720	See Note 4
GIW-07	1/11/2017	37	49	ND	6.4	6	410	
GIW-08	9/6/2016	16	63	ND	18	1.8	220	
GIW-08	10/4/2016	22	64	ND	11	1.2	160	

Laboratory Analysis - Bridgeton Landfill

Well Name	Date Sampled	Methane	CO ₂	O ₂ /Argon	Nitrogen	Hydrogen	Carbon Monoxide	Comments
		(%)						
GIW-08	11/8/2016	23	60	ND	16	0.8	130	
GIW-08	12/9/2016	31	52	2.8	14	0.3	77	See Note 3
GIW-08	1/11/2017	35	46	ND	18	0.3	88	
GIW-09	9/6/2016	2.2	16	12	67	2.3	150	See Note 4
GIW-09	10/4/2016	5.3	22	9	61	2.5	140	See Note 4
GIW-09	11/9/2016	0.8	8.5	18	71	1.8	110	See Note 4
GIW-09	12/9/2016	ND	16	13	65	1.5	92	See Note 4
GIW-09	1/11/2017	24	36	3.9	31	4.4	150	See Note 4
GIW-10	9/6/2016	0.6	50	2.6	10	36	2,000	See Note 3
GIW-10	10/4/2016	3.7	52	ND	9.6	33	1,600	
GIW-10	11/9/2016	4.1	49	ND	11	34	1,700	
GIW-10	12/8/2016	6.9	41	4.8	23	24	1,000	See Note 3
GIW-10	1/11/2017	6.7	53	ND	ND	37	1,400	
GIW-11	9/6/2016	6.9	61	1.9	11	18	1,900	See Note 4
GIW-11	10/4/2016	6.2	62	1.6	9.9	20	1,900	See Note 4
GIW-11	11/9/2016	0.9	63	ND	ND	33	2,700	
GIW-11	12/9/2016	2	62	ND	6.2	28	2,100	
GIW-11	1/11/2017	1.8	64	ND	ND	31	2,100	
GIW-12	9/6/2016	6.2	32	9.6	45	7	470	See Note 4
GIW-12	10/4/2016	13	41	5.3	29	10	610	See Note 4
GIW-12	11/9/2016	7.7	35	7.5	42	7.9	460	See Note 4
GIW-12	12/9/2016	7.6	31	9.3	45	6.3	320	See Note 4
GIW-12	1/11/2017	3.5	64	ND	ND	31	1500	
GIW-13	9/6/2016	12	63	ND	5.9	17	1,000	
GIW-13	10/4/2016	12	59	2.7	9.8	16	970	See Note 3
GIW-13	11/9/2016	10	65	ND	ND	20	1,300	
GIW-13	12/9/2016	12	65	ND	3.5	19	1,100	
GIW-13	1/11/2017	9.9	69	ND	ND	18	890	
Flare Station ²	9/7/2016	8.7	39.4	6.9	31.9	11.4	940	See Note 6
Flare Station ²	10/4/2016	9.6	41.6	6.0	28.8	12.4	1,000	See Note 6
Flare Station ²	11/1/2016	10.4	42.4	5.7	27.2	12.5	900	See Note 6
Flare Station ²	12/6/2016	9.3	37.8	7.7	32.4	12.0	840	See Note 6
Flare Station ²	1/4/2017	9.8	38.7	7.4	30.6	12.8	815	See Note 6
Flare Station ²	2/7/2017	9.7	37.7	7.9	31.7	12.2	840	See Note 6

Notes: (1) Based on the comparison of field to laboratory readings, oxygen to balance gas ratios, and historical concentrations, the sample was determined to be suspect due to oxygen introduction which likely occurred during sample collection or laboratory analytical methods. (2) MDNR also collected duplicate LFG samples at these locations during this sampling period. (3) Based on the oxygen verification readings taken with an Envision meter, it was determined there is a sample train leak. (4) Based on the oxygen verification readings taken with an Envision meter, it was determined that the readings are accurate. (5) Flare station gas concentration data is an average of NQ EP14 A (or 1) and NQ EP14 B (or 2), located in the North Quarry. (6) Flare station gas concentration data is an average of Outlets 1 and 2 (A & B) or SQ OU 1 and OU 2, located in the South Quarry. (7) Flare station gas concentration based on data from Outlet B in the South Quarry.

ND = Analyte not detected in sample.

² = Flare Station Inlet measured at EPA Method 2 flow port (blower outlet)